TA-16

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Date: October 31, 2003
Refer to: ER2003-0681

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SUBJECT: SUBMITTAL OF MATERIAL DISPOSAL AREA (MDA) P SITE CLOSURE CERTIFICATION REPORT

Dear Messrs. Young and Will:

Enclosed are two copies of the Los Alamos National Laboratory (LANL) Risk Reduction Environmental Stewardship-Remediation Services (RRES-RS) MDA P Site Closure Certification Report. The original report, MDA P Area Closure Certification Report (MDA P, 387 Flash Pad, and Solid Waste Management Unit [SWMU] 16-016(c)-99) was submitted to your office on January 31, 2003 (ER2003-0095). Per your letter dated April 30, 2003, this report has been revised to address your concerns and is not being resubmitted.

The report summarizes the activities performed to meet closure requirements for MDA P and Flash Pad 387, as well as corrective action requirements for SWMU 16-016(c)-99, located at Technical Area (TA) 16. MDA P, Flash Pad 387, and SWMU 16-016(c)-99 were combined for cleanup purposes and are referred to collectively in this report as "the MDA P Site." This report includes the independent registered professional engineer certifications required for closure, and provides the details and supporting documentation required to demonstrate that the clean closure performance standards for MDA P and Flash Pad 387, and no further action criteria for SWMU 16-016(c)-99 have been met. To meet corrective action reporting requirements, a stand-alone Voluntary Corrective Action Completion Report for SWMU 16-016(c)-99 will be provided on or by November 30, 2003, per your letter dated August 29, 2003.

If you have any questions, please contact William Criswell at (505) 665-5886 or Lance Woodworth at (505) 665-5820.

Sincerely,

David McInroy, Deputy Project Director
Remediation Services
Los Alamos National Laboratory

Sincerely,

David Gregory, Project Manager
Department of Energy
Los Alamos Site Operations

6453

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Enclosure: MDA P Site Closure Certification Report (ER2003-0643)

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LA-UR-03-8046
ER2003-0643

Material Disposal Area P Site Closure Certification Report

October 2003

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LA-UR-03-8046
October 2003
ER2003-0643

Material Disposal Area P Site Closure Certification Report

Volume 1 of 2

CD included with this document

Los Alamos
NATIONAL LABORATORY
Los Alamos NM 87545

Disclaimer

This document contains data regarding radioactive wastes, the management of which is regulated under the Atomic Energy Act and specifically excluded from regulation under the Resource Conservation and Recovery Act and the New Mexico Hazardous Waste Act. These data are provided to the New Mexico Environment Department for information purposes only.

Produced by
Risk Reduction and Environmental Stewardship Division–Remediation Services

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EXECUTIVE SUMMARY

This closure certification report summarizes the activities performed to meet closure requirements and demonstrate clean closure for two regulated hazardous waste management units: Material Disposal Area (MDA) P and the 387 Flash Pad. Both units are located within the Technical Area 16 (TA-16) Burning Ground, within the high explosives (HE) exclusion area at Los Alamos National Laboratory. MDA P is also identified as Solid Waste Management Unit (SWMU) 16-018 and the 387 Flash Pad as SWMU 16-010(b). Additionally, voluntary corrective action (VCA) activities were conducted simultaneously with the MDA P and 387 Flash Pad closure activities for a consolidated group of SWMUs, designated SWMU 16-016(c)-99, which is contiguous with MDA P and the 387 Flash Pad. SWMU 16-016(c)-99 includes the TA-16 386 Flash Pad, a former barium nitrate pile, and a septic system [SWMU 16-010(a), SWMU 16-016(c), and SWMU 16-006(e), respectively]; these are sometimes referred to as the "Burning Ground North." The two hazardous waste management units and SWMU 16-016(c)-99 were combined for cleanup purposes and are referred to collectively in this report as the "MDA P Site." Field activities, including waste excavation, waste characterization, waste disposition, and the final demonstration of clean closure were conducted for the entire MDA P Site.

Cleanup of the MDA P Site was conducted in two phases. Phase I activities included waste excavation, waste removal, segregation, staging, characterization, and disposal. The types and quantities of wastes generated during the excavation and removal activities at the MDA P Site are summarized in Table ES-1. Phase II activities included a detailed geophysical and geochemical study for characterization of the bedrock fractures at the site, and post-removal confirmation sampling and analysis in support of the assessment of the potential for adverse effects to human health or the environment from residual chemical concentrations at the site. The risk assessment analysis is used as the basis for determining whether clean closure has been demonstrated for the regulated hazardous waste management units (MDA P and the 387 Flash Pad) and whether corrective action activities are complete at SWMU 16-016(c)-99.

Table ES-1
Quantities of Wastes Generated During MDA P Site Phase I Activities

Quantity	Unit	Description
21,506	yd^3	Hazardous waste soils
26,150	yd^3	Industrial waste soils
1111	yd^3	Rock: decontaminated, used as riprap at TA-16 Burning Ground
757	yd^3	Rock: released, used as riprap within MDA P footprint
3200	yd^3	Concrete debris: recycle and industrial waste
2200	yd^3	Metal debris: recycle and industrial waste
3947	lb	Asbestos-containing material
888	each	Containers of unknown content
95	each	Miscellaneous metal objects
441	lb	HE
85	lb	Ash from burning HE
500	lb	Ash and contaminated debris
6706	lb	Barium nitrate pieces
3240	lb	Radioactive low-level waste (LLW)
5389	lb	Mixed waste

Table ES-1 (continued)

Quantity	Unit	Description
219,545	gal.	Decontamination water
16,318	gal.	Stormwater
37	gal.	Acetone
33	bag	Personal protective equipment
70	lb	Waste aerosol cans
250	lb	Soil/transmission oil
70	lb	Miscellaneous laboratory trash

This closure certification report provides all the details and supporting documentation required to demonstrate that the clean closure performance standards for MDA P and the 387 Flash Pad, and the no further action criterion for SWMU 16-016(c)-99, have been met. All waste removal and management activities were conducted in accordance with the approved closure plans, the VCA plan, and applicable regulations. All contaminated debris, soils, equipment, structures, and other wastes generated as a result of closure/remediation activities were properly characterized, managed, decontaminated, and/or disposed of. Only soils and tuff containing residual concentrations of hazardous constituents that are below levels that pose an unacceptable risk to human health or the environment are left in place at the MDA P Site.

Confirmation sampling provided sufficient data for adequately characterizing the lateral and vertical extent of residual chemical concentrations at the site. Natural, physiographic boundaries have limited (and continue to limit) the lateral extent of off-site transport. The residual concentrations of contaminants are concentrated near, and within, the boundaries of the SWMUs (the area of the excavation and removal activities) and there are general trends of decreasing concentrations laterally. There are clear trends of decreasing concentrations with depth. The residual contamination at the site is most prevalent in the near-surface (0–1 ft) soil and tuff, and residual concentrations of contaminants in soil samples below 4 ft and in tuff samples below 8 ft decrease to detection limits or levels below background. Additionally, the residual contamination at the site is primarily confined to tuff, indicating that excavation activities successfully removed contaminated soils from the site.

The results of both the human health and ecological risk assessment analyses conclude that the remaining site soils and tuff that contain residual concentrations of hazardous constituents do not pose unacceptable current or potential future risk to human and ecological receptors. Data collected from borehole geophysical and geochemical studies and the fracture characterization study indicate that there is no surface-to-groundwater pathway at the MDA P Site, which supports the Laboratory's request for a determination that a post-closure permit for groundwater monitoring is not warranted.

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1.0 INTRODUCTION

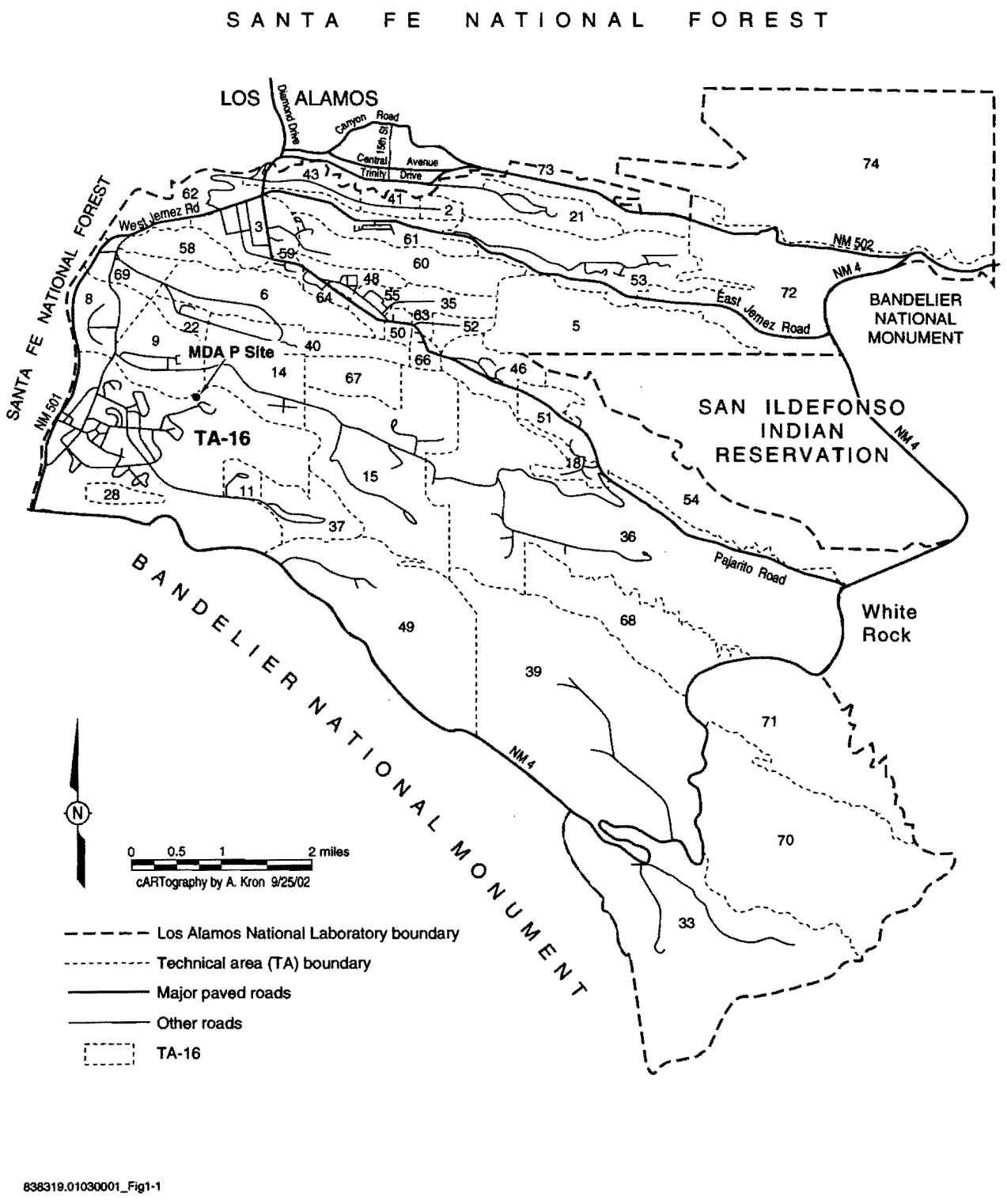
This closure certification report summarizes the activities performed to demonstrate clean closure for two hazardous waste management units: Material Disposal Area (MDA) P and the TA-16-387 Flash Pad (Flash Pad 387). Both units are located at the Technical Area (TA) 16 Burning Ground within the high explosives (HE) exclusion area at Los Alamos National Laboratory (the Laboratory) (Figure 1.0-1). MDA P is also identified as Solid Waste Management Unit (SWMU) 16-018 and Flash Pad 387 as SWMU 16-010(b). Voluntary corrective action (VCA) activities for a consolidated group of SWMUs, designated SWMU 16-016(c)-99, which is contiguous with MDA P and Flash Pad 387, were conducted simultaneously with the MDA P and Flash Pad 387 closure activities. SWMU 16-016(c)-99 includes the TA-16-386 Flash Pad (Flash Pad 386), a former barium nitrate pile, and a septic system [SWMU 16-010(a), SWMU 16-016(c), and SWMU 16-006(e), respectively]; these are sometimes referred to as the "Burning Ground North." The two hazardous waste management units and SWMU 16-016(c)-99 were combined for cleanup purposes and are collectively referred to as the "MDA P Site."

1.1 Project and Report Objectives

The Laboratory is a multi-disciplinary research facility owned by the US Department of Energy (DOE) and managed by the University of California. The Laboratory's Risk Reduction and Environmental Stewardship–Remediation Services (RRES-RS) Project (formerly the Environmental Restoration [ER] Project) is part of a national effort by the DOE to clean up sites and facilities formerly involved in weapons production. The primary goal of the RRES-RS Project is to ensure that the DOE's past weapons operations do not threaten human health and safety or the environment, currently or in the future. To achieve this objective at the MDA P Site, the RRES-RS Project, with approval from the New Mexico Environment Department (NMED), performed clean closure by waste removal from the MDA P Site. The purpose of this closure certification report is to demonstrate that the clean closure (MDA P and Flash Pad 387) and corrective action [SWMU 16-016(c)-99] requirements for the MDA P Site have been achieved. This report demonstrates compliance with all applicable regulatory requirements (detailed in section 2.1), including certification by an independent, registered professional engineer, as required in the New Mexico Administrative Code, Title 20, Chapter 4, Subpart 600 (20.4.1.600 NMAC), Section 265.115.

Cleanup of the MDA P Site was conducted in two phases. Phase I activities included waste excavation; waste removal; and waste segregation, staging, characterization, and disposal of materials from the MDA P Site. Phase II activities included a detailed geophysical and geochemical study for characterization of the bedrock fractures, and post-removal confirmation sampling and analysis in support of the assessment of the potential for adverse effects to human health or the environment from residual chemical concentrations at the site. As required by the NMED (NMED 2003, 76017), Phase I and II activities were described in detail in the following documents

- "Material Disposal Area P Site: Phase I Closure Implementation Report," June 2003, LA-UR-02-7002 (LANL 2003, 76054).
- "Bedrock Fracture Characterization at Material Disposal Area P Site: Phase II Closure Investigation Report," July 2003, LA-UR-02-7200 (LANL 2003, 77423)



838319.01030001_Fig1-1

Figure 1.0-1. Location of TA-16 and the MDA P Site

These two reports are incorporated herein by reference in order to satisfy the information requirements for this closure certification report.

The closure activities for MDA P and Flash Pad 387 were performed in accordance with the closure plan for each unit, as reviewed and approved by the NMED Hazardous Waste Bureau (formerly the Hazardous and Radioactive Materials Bureau). Cleanup activities at SWMU 16-016(c)-99 were performed in accordance with an NMED-approved VCA plan. The following documents delineate the specific closure and VCA completion requirements under which activities at the MDA P Site were conducted:

- Technical Area 16, Material Disposal Area P Closure Plan, Revision 0 (LANL 1995, 58713), approved by NMED on February 20, 1997
- Notice of deficiency (NOD) on the MDA P closure plan (NMED 1996, 57903) and response to NOD (LANL 1996, 54452)
- Closure Plan for the TA-16-387 Flash Pad (LANL 1999, 63547), approved by NMED on April 28, 2000
- VCA plan for SWMU 16-016(c)-99, submitted as part of the sampling and analysis plan (SAP) for MDA P (LANL 1999, 63546) and approved by NMED on July 7, 2001
- Response to request for supplemental information (RSI) for the MDA P SAP, and the VCA plan for SWMU 16-016(c)-99 (LANL 2000, 67481)
- Approved closure plan modification request, May 2002 (LANL 2002, 73159), which consolidated the information and modifications included in the RSI response (LANL 2000, 67481); additional information for MDA P Phase II confirmation sampling (LANL 2001, 70272); and SAP deviations (LANL 2001, 70252).

1.2 Report Organization

This closure certification report is organized as follows:

- Section 1, Introduction, contains a brief overview of the report and its objectives, and information about MDA P, Flash Pad 387, SWMU 16-016(c)-99, and the MDA P Site as a whole;
- Section 2, Performance of Closure, presents all the information required for demonstrating clean closure at MDA P and Flash Pad 387, and information pertaining to completion of the VCA at SWMU 16-016(c)-99. This section includes 2.1, closure strategy and regulatory requirements; 2.2, a summary of waste removal and decontamination activities for the MDA P Site; 2.3, a summary of the bedrock fracture characterization study for the MDA P Site; 2.4, a description of confirmation sampling and results; and 2.5, a summary of the human health and ecological risk assessments, which are described in detail in Appendix A;
- Section 3, Assessment of Impact to Groundwater, provides the basis for the Laboratory's request for a determination by NMED that a post-closure care permit for groundwater monitoring is not required at MDA P. This section addresses regulatory requirements that apply specifically to MDA P because it is a land-based unit;
- Sections 4 through 6 present conclusions, the required certifications, and references, respectively.

1.3 Location of Supporting Documentation

As committed to in the closure plan for MDA P, the location of the following supporting documentation is provided in this report: field log books, quality assurance/quality control (QA/QC) documentation, and chain-of-custody records. Field log books for the Phase I activities were scanned and provided electronically on CD #1 as part of the Phase I report. Phase I and Phase II log books, QA/QC documentation, and chain-of-custody records are stored in the RRES-RS Records Processing Facility (RPF). (Chain-of-custody forms are also provided as Appendix E to this closure certification report.)

Additional documentation related to the Phase I disposal activities (industrial and hazardous) that is also stored in the RPF includes

- disposal documentation records for all waste streams [by Waste Profile Form (WPF) number],
- soil lots,
- shipment dates,
- bills of lading,
- waste manifests, and
- certificates of receipt.

Phase I analytical data are provided electronically on a CD included with the Phase I report (LANL 2003, 76054) and are stored in the RRES-RS Project RPF.

Phase II analytical data are provided electronically on the CD included at the front of this report and in hard copy in Appendix B. The data are also stored in the RRES-RS Project RPF.

Log books for operations of Flash Pad 387 (from the 1980s) are in storage at the Burning Ground within TA-16.

1.4 MDA P Site Description and Use

The MDA P Site is located within TA-16, in the southwest corner of the Laboratory (Figure 1.0-1). TA-16 is bordered by Bandelier National Monument along State Highway 4 to the south and the Santa Fe National Forest along State Highway 501 to the west. To the north and east, it is bordered by TAs-8, -9, -11, -14, -15, -37, and -49. TA-16 is fenced and posted along State Highway 4. Water Canyon, a 200-ft-deep ravine with steep walls, separates State Highway 4 from active sites at TA-16. Cañon de Valle forms the northern border of TA-16. The MDA P Site boundary and the location of each unit associated with the MDA P Site is shown on Plate 1 (at the end of this report). Photograph 1.4-1 captures an aerial view of the site in 1997, immediately prior to the start of excavation and removal activities. Figure 1.4-1 shows the general area of TA-16 immediately surrounding the MDA P Site.

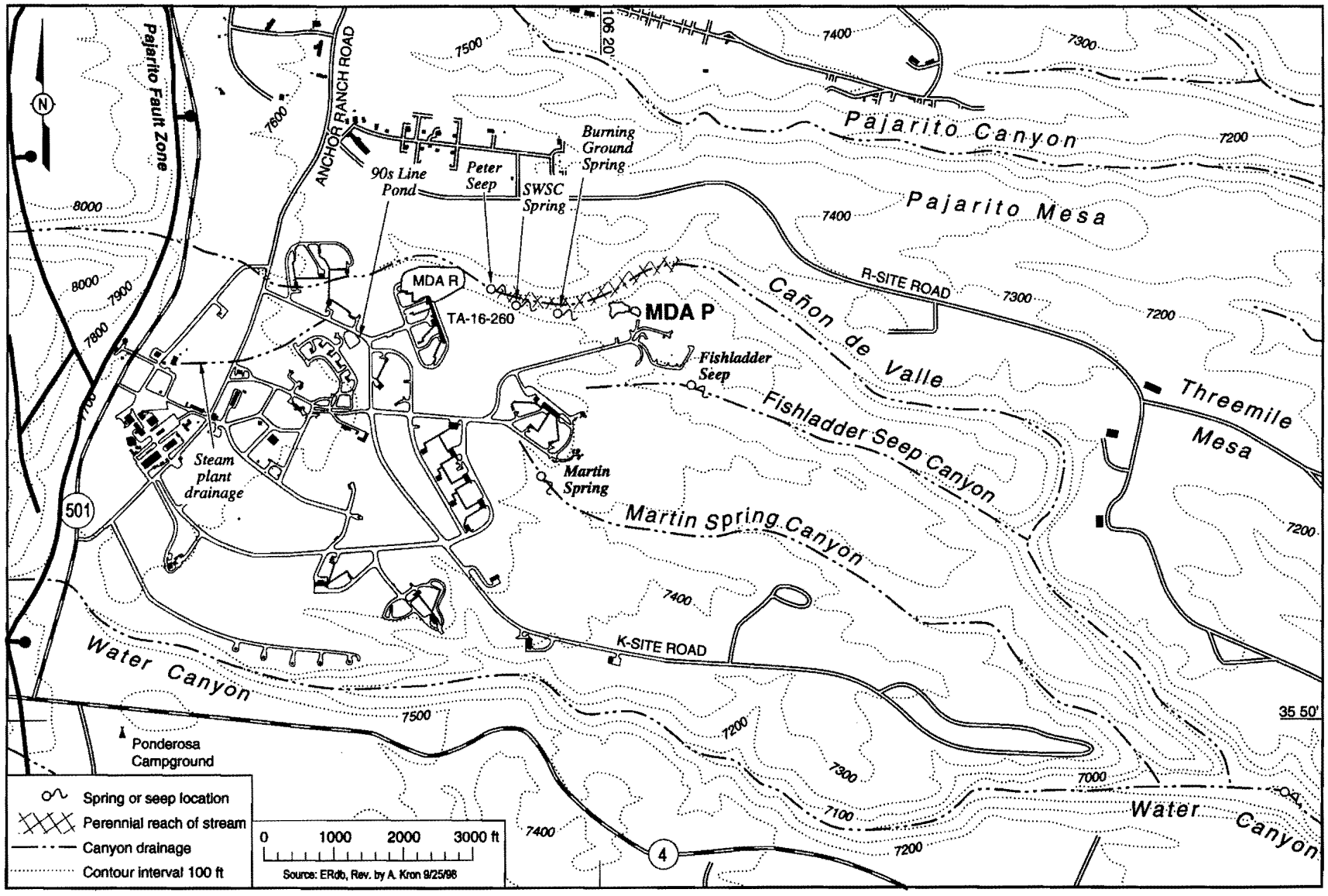


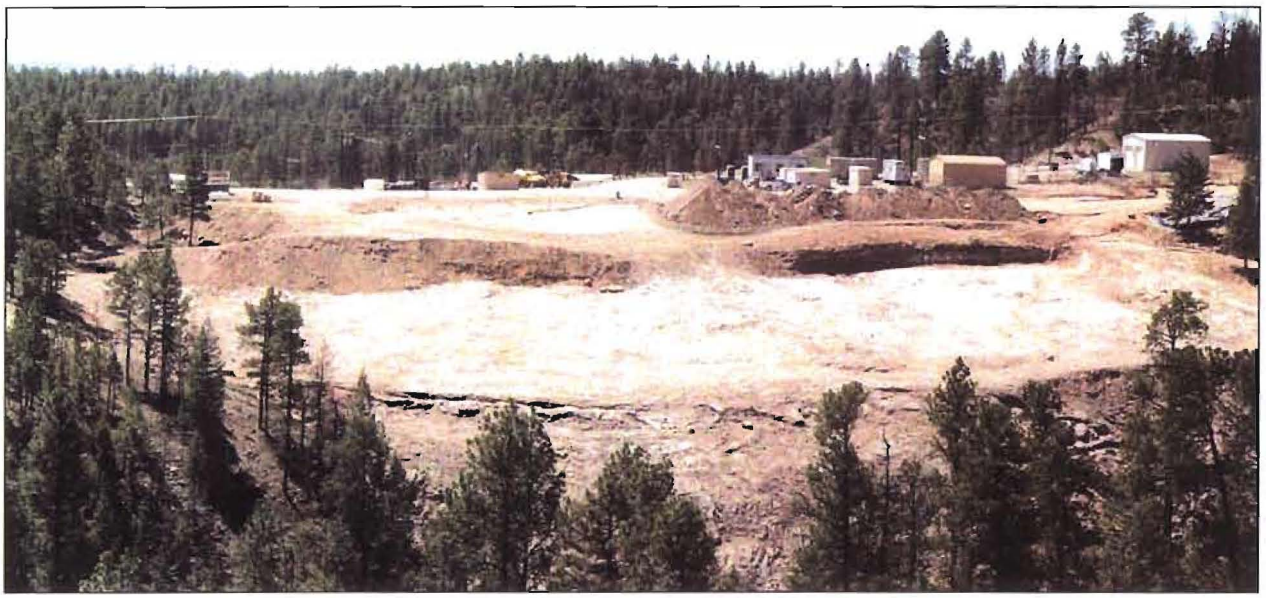
Figure 1.4-1. Area surrounding MDA P Site

MDA P is located within an operational area known as the TA-16 Burning Ground, which began operations in 1950 and is currently the location of two active hazardous waste treatment units and two treatment units undergoing closure under interim status standards. The TA-16 Burning Ground is located within a broad topographic saddle on an east-trending mesa. The saddle runs between two hills to the east and west and at its lowest point is at an elevation of approximately 7454 ft, approximately the mean elevation of TA-16. The MDA P Site is on the north side of the burning ground within a small open watershed with no springs or other natural, perennial sources of water; the runoff from the site drains to Cañon de Valle, which is a small tributary of Water Canyon. Within TA-16, the RRES-RS Project is conducting activities to address other potential, historic sources of contamination to the Cañon de Valle system. MDA P is located in geographic proximity to these activities, but the MDA P Site is not within their scope.

Current conditions at the MDA P Site promote runoff and inhibit infiltration. Currently, run-on is directed away from the site into two adjacent watersheds, using natural and engineered landscape features; the bar ditch along the north side of the access road leading from the west into the burning ground is diverted through a culvert to the drainage south of the saddle. Precipitation that falls within the watershed provides ephemeral runoff to two arroyos that serve as hydrologic boundaries on the east and west margins of the site. Overland flow from the former location of Flash Pad 387 in the northern portion of the site currently is diverted through a remnant of the MDA P run-on trench to the east arroyo. Direct precipitation is the only potential source of surface water transport within the interior portion of the site.

The current, post-excavation MDA P Site consists of two distinct zones: an "exposed tuff zone" and a "biological zone." The biological zone consists of undisturbed or reclaimed areas (approximately 5 acres of the nearly 9.25-acre site), which border the main excavation area to the south, east, and west. The reclaimed areas within the MDA P Site footprint have approximately 2 ft of topsoil, though the soils in some locations near the east and west perimeters of the site are as deep as approximately 5 ft. Undisturbed areas outside the MDA P Site footprint contain soils up to 5 ft deep on average. The exposed tuff zone consists of a single large and continuous area of exposed tuff (approximately 4.25 acre of consolidated tuff or unconsolidated tuff with large boulders) from which the topsoil was completely removed during Phase I excavation activities. Photograph 1.4-2 shows the MDA P Site as excavation activities were being completed; the middle area of the site is the flat portion of the exposed tuff zone. In front of that is the unconsolidated tuff area that slopes steeply towards Cañon de Valle; the uppermost portion of the site is the now-restored and reseeded biological zone (shown in the photograph with soil piles in the right half of the biological zone). Photograph 1.4-3 is an October 2002 photograph of the site, showing the restored/revegetated areas in green surrounding the exposed tuff zone (toward the left of the excavation area, adjacent to the forest boundary). Figure 1.4-2 shows the extent of the biological and exposed tuff zones and the boundaries of the units within the MDA P Site.

Photograph 1.4-1. Aerial view of the MDA P Site prior to excavation, 1997



Photograph 1.4-2. Post-excavation condition of the MDA P Site

Photograph 1.4-3. MDA P Site, October 2002

1.4.1 MDA P

From 1950 to 1984, MDA P was used for disposal of rubble and debris generated by the burning of HE, HE-contaminated equipment and material, vehicles, building materials, drums, containers, and trash. During the operational period of MDA P, few items were allowed to leave the HE exclusion area, so most materials suspected of having HE residue were disposed of at MDA P. Residual materials from the burning and flashing operations within the TA-16 Burning Ground were disposed of over the mesa edge, accumulating at the base and along the slope of the canyon wall. MDA P eventually expanded toward the canyon floor along the leading margins of the construction backfill placed during the construction of Flash Pad 387 (section 1.4.2)

Throughout its history, the east lobe of MDA P was the most active portion of the disposal area. Material from the burning ground was disposed of over the leading edge of the east lobe and occasionally covered with soil. Photographs indicate that the lobe grew slowly but continuously. The leading edge of the east lobe aggraded approximately 60 ft over the entire period of use. Disposed materials excavated at the east lobe included ashes and burned residues of HE compounds, HE-contaminated equipment and materials, barium nitrate compounds, miscellaneous containers from Flash Pad 387, including sands and soils from the sand filters and the base of Flash Pad 387 (Photograph 1.4-4). Although depleted uranium (DU) was detected in trace amounts in some of the soils and debris at MDA P, materials with potential DU contamination were typically not disposed of at MDA P.

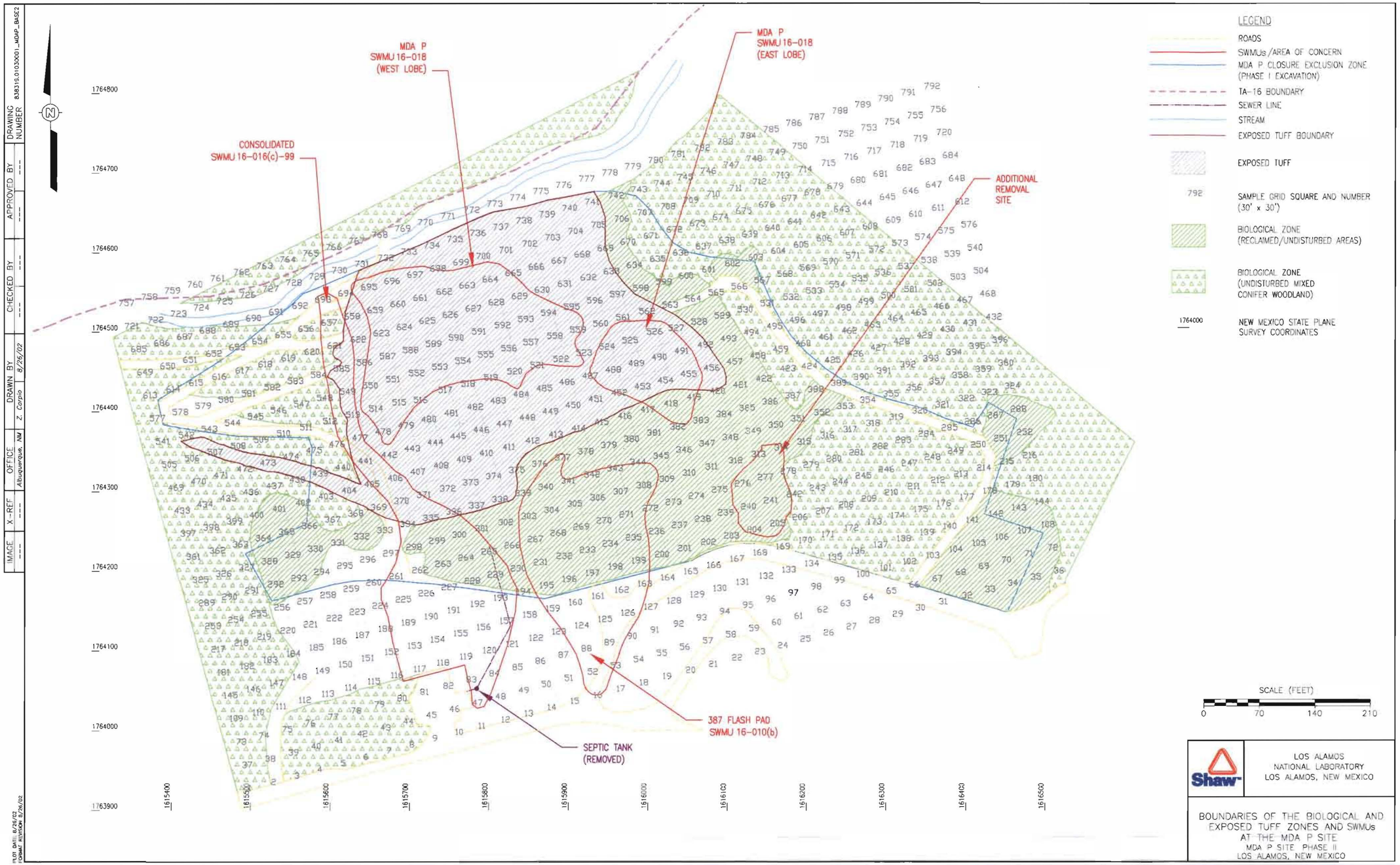


Figure 1.4-2. Boundaries of the biological and exposed tuff zones and SWMUs at the MDA P Site

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Photograph 1.4-4. East lobe of MDA P (waste and debris from adjacent flash pad operations), 1965

Episodic disposal occurred in the west lobe, which filled a small channel eroded into the southern canyon wall, and which was used primarily for the disposal of HE-contaminated construction debris. In the 1960s, several World War II–era wooden frame structures that housed the original facilities for HE research, development, and production at TA-16 were razed. The west lobe received all noncombustible materials with residual HE from these deconstruction/demolition activities—as many as 1325 dump truck loads (Photograph 1.4-5). Materials and debris included piping (water, sewer, steam, and process piping), electrical conduit, concrete (sidewalks, foundations, and sumps), asbestos tile, and miscellaneous soil and trash. Larger items that had been treated at Flash Pad 387 were also disposed of at the west lobe, including at least ten vehicles in the 1950s and 1960s that had been flashed for the removal of HE residues and pushed over the lobe's edge. In the early 1970s, the rear apron of Building 260 was renovated and concrete from the demolition of sidewalks and sumps was added to the west lobe. With the exception of the periods noted between 1965 and 1975, the annual volume of waste disposed of at the west lobe appears constant.

The location of MDA P is entirely within the current exposed tuff zone, the area from which all topsoil and unconsolidated materials were removed during Phase I excavation activities. Runoff from precipitation that falls within MDA P generally is diverted to either the eastern or western arroyos that bound the site. Erosion from steep areas within the unconsolidated tuff area towards the northern boundary of the site that are subject to erosion has largely been mitigated by the implementation of best management practices (BMPs), including the placing of riprap and other erosion control features such as straw bales.

Photograph 1.4-5. West lobe of MDA P (debris from 1960s burning as well as concrete from 1970s deconstruction of Building 260), 1973

1.4.2 Flash Pad 387

Flash Pad 387 operated from 1951 to 2000 as a treatment unit for solid and scrap HE, HE-contaminated equipment and debris, and HE-contaminated combustible materials.

Originally remote and heavily forested, the construction of Flash Pad 387 required the cutting and clearing of trees and burning of the timber and slash. The ground surface was leveled and a substantial amount of backfill was brought in to provide a barren, roughly flat-lying area for the construction of the flash pad and a control building for the flash pad operations and tests. The backfill consisted of crushed Bandelier Tuff and large angular boulders up to 2 m across. The 100- x 100-ft pad area that was created was enclosed by an 8-ft chain link fence, originally installed in the 1950s. From 1951 to the late 1980s, the base of the pad was soil; flash pad operations were conducted on the soil pad, which was overlain with sand. In the late 1980s to early 1990s, a 30- x 30-ft concrete base with 8-ft-high concrete shield reflector sidewalls to the north, east, and west was constructed for the flash pad operations. Operations at the flash pad were largely wood-fired, but kerosene or other fire accelerants were sometimes used. Burning operations occasionally resulted in partial detonations and incomplete burns. Sands and residues from the operations at Flash Pad 387 were disposed of at MDA P. During the operational period of the flash pad, the base of the pad was excavated periodically and the contaminated soils were also disposed of at MDA P.

During the Phase I excavation activities, a trench was discovered in the eastern portion of the Flash Pad 387 area. The trench, containing remnants of a 4-in.-diameter vitrified clay pipe (VCP), originated in the middle of the southern boundary, trended northeast and terminated approximately 20 ft east of the

eastern boundary. Both ends of the pipe were crushed and there was no evidence of original source fittings or termination outfall. The interior of the pipe was contaminated with HE, indicating that it was used in some capacity for operations at TA-16, though no information was found to indicate specific uses of the pipe.

The former location of Flash Pad 387 is isolated hydrologically from the downgradient portions of the MDA P Site. Runoff from precipitation received within the boundaries of the former location of the flash pad is largely diverted to the east drainage via a remnant of the east-west trending MDA P run-on trench. Sheet flow of surface water, as may occur during intense precipitation events, may breach the run-on trench; this run-on would be diverted to the east and west arroyos along with the precipitation received within the boundaries of MDA P.

1.4.3 SWMU 16-016(c)-99

SWMU 16-016(c)-99 consisted of Flash Pad 386, a former barium nitrate pile, and a septic system. Flash Pad 386 was built in 1951 for operations similar to those conducted at Flash Pad 387; however, no evidence could be found to indicate that Flash Pad 386 was ever used as a burn pad for the treatment of HE-contaminated materials. Photographic evidence shows that Flash Pad 386 was used to store barium nitrate sometime during the 1950s, prior to which the barium nitrate pile was located to the north of Flash Pad 386. In 1998, a metal building was installed in the southeast corner of the area. The septic system was connected to Building 16-389 and was used for sanitary wastewater from 1963 through 1988; no evidence exists to indicate any other historic uses for the septic tank. During the excavation, no evidence of a leach field or drainfield was found.

The boundaries of Flash Pad 386 and the barium nitrate pile overlapped considerably, in part because a portion of Flash Pad 386 was used to store the barium nitrate pile sometime after the flash pad was constructed. Runoff that results from precipitation received within both these areas flows downgradient towards Cañon de Valle, and generally is diverted into the western arroyo, the steeper portions of which have BMP erosion-control features in place. Surface water runoff from the area where the septic tank was located is negligible because residual contamination associated with this former sanitary wastewater holding tank is limited to the subsurface. However, runoff from precipitation falling in the small area of the former septic tank has the same fate as runoff from Flash Pad 386 and the barium nitrate pile: it moves downgradient towards Cañon de Valle and towards the western arroyo.

1.5 Process Description

This section provides a summary of the hazardous waste operations conducted at MDA P and Flash Pad 387. SWMU 16-016(c)-99 did not operate as a hazardous waste storage, treatment, or disposal unit. Accordingly, requirements for closure of a hazardous waste management facility do not apply to SWMU 16-016(c)-99 and a process description is not provided.

1.5.1 MDA P

MDA P is a regulated hazardous waste management unit subject to Resource Conservation and Recovery Act (RCRA) interim status standards and is designated SWMU 16-018 (LANL, 1995, 58713). MDA P was redefined by NMED from a landfill to a waste pile for the purpose of closure activities (NMED, 2003, 76017). MDA P was used from 1950 to 1984 as a disposal area for wastes generated from burning ground operations. MDA P was identified as a regulated hazardous waste management unit because residues containing barium in excess of extraction procedure (EP) toxicity limits had been placed in the waste pile after 1980. Six US Environmental Protection Agency (EPA) Hazardous Waste Numbers for

characteristic wastes are identified for MDA P in the August 2002 Part A permit application (LANL 2002, 73799): D001 (ignitable), D003 (reactive), D005 (barium), D006 (cadmium), D008 (lead), and D030 (2,4-dinitrotoluene). These EPA Hazardous Waste Numbers are consistent with the types of hazardous waste that were identified through characterization activities and managed at the site during Phase I.

1.5.2 Flash Pad 387

Flash Pad 387 was used as a treatment unit for solid and scrap HE, HE-contaminated equipment and debris, and HE-contaminated combustible materials. It is subject to RCRA interim status closure standards, and is also designated SWMU 16-010(b) (LANL 1999, 63547).

The treatment consisted of open burning to remove the hazardous characteristic of reactivity (D003).

The estimated maximum weight of equipment and structures that could be treated at one time was 40,000 lb, the maximum capacity of the unit (LANL 2002, 73799). Facility records indicated that the maximum weight of equipment and structures treated at one time was 38,000 lb, although most burns were considerably smaller. The total annual quantities of waste treated at the flash pad in 1997 and 1998 were 63,000 and 31,000 lb, respectively (LANL 1999, 63547).

2.0 PERFORMANCE OF CLOSURE

This section provides the specific information needed to demonstrate that closure activities were performed in accordance with all applicable regulations and the requirements of the approved closure plans, and that clean closure has been achieved. Section 2.1 presents the strategy for combining MDA P, Flash Pad 387, and SWMU 16-016(c)-99; applicable regulatory requirements; and a summary of the basis for the clean closure demonstration. Waste removal and decontamination activities are described in section 2.2. The Phase II focused investigations (i.e., fracture study and borehole geophysical and geochemical analyses) are summarized in section 2.3. Confirmation sampling is described in section 2.4. The results of the human health and ecological risk assessments are presented in section 2.5.

2.1 Closure Strategy, Requirements, and Basis for Clean Closure Demonstration

2.1.1 Closure Strategy

The two hazardous waste management units and the consolidated SWMU that comprise the MDA P Site were combined for cleanup purposes to enhance the efficiency of field operations for each site and because a risk-based approach is appropriate for demonstrating completion of both clean closure and corrective action.

The approved closure plan for MDA P (LANL 1995, 58713) established that MDA P would undergo closure by removal and decontamination in order to meet the clean closure performance standard of 20.4.1.600 NMAC, Section 265.111 (see section 2.1.2.1). In the approved closure plan, a strategy was proposed for comparing Phase II confirmation sampling data to baseline levels of environmental contamination attributable to sources adjacent to MDA P. This strategy was intended to distinguish between MDA P-related contamination and that which was attributable to nearby sites.

After the MDA P closure plan was approved by NMED in 1997 and closure activities began, the Laboratory recognized that the MDA P closure activities were likely to affect the schedule of closure activities at Flash Pad 387 and remediation activities at SWMU 16-016(c)-99, which would be proceeding simultaneously (LANL 1999, 63546). Because of the sites' proximity to one another and their similar characteristics, the Laboratory determined that combining the three activities would allow for more

efficient use of resources, such as mobilization of field equipment. The Laboratory also concluded that confirmation sampling and assessment of human health and ecological impacts of the three sites together following the closure/remediation activities would be appropriate. Therefore, in February 1999, the Laboratory and NMED agreed that: the sites adjacent to MDA P would be closed or remediated concurrently with MDA P; any residual contamination would be assessed concurrently; and the sites would be closed or remediated to a common cleanup standard (LANL 1999, 63546). This decision was made for two reasons: (1) the hazardous wastes and hazardous constituents within the sites were similar, and (2) the boundaries of the sites overlap. During discussions between the Laboratory and NMED concerning the MDA P SAP, it was further agreed that

- two additional plans would be developed in conjunction with the MDA P SAP: a VCA plan for SWMU 16-016(c)-99, and a closure plan for Flash Pad 387.
- equipment from the ongoing closure operations at MDA P would remain mobilized at MDA P to clean up these additional sites.
- one set of operational preliminary remediation goals (PRGs) would be developed for field screening during cleanup activities at all three sites.
- the scope of the MDA P SAP would be expanded to include a confirmation sampling plan for verifying that operational PRGs had been achieved for all three sites and demonstrating that post-cleanup residual contamination levels pose no unacceptable risk to human health or the environment (LANL 1999, 63546).

Thus, the footprint of MDA P was expanded to include Flash Pad 387 and SWMU 16-016(c)-99, referred to collectively in this report as the MDA P Site.

2.1.2 Applicable Regulatory Requirements

Three different cleanup objectives were consolidated into the activities described in this report to achieve a common result, which relies on risk assessment as a tool for determining whether residual levels of hazardous constituents pose potential unacceptable risk to human health or the environment. The first objective is clean closure of MDA P, a hazardous waste disposal unit. The second is clean closure of Flash Pad 387, a hazardous waste treatment unit. The third is completion of a VCA for SWMU 16-016(c)-99, in order to demonstrate that the applicable criterion for no further action (NFA) has been met.

2.1.2.1 MDA P Clean Closure Performance Standard

The Laboratory has clean-closed MDA P, which was redefined from a landfill to a waste pile for closure purposes (NMED 2003, 76017), in accordance with the clean closure performance standard of 20.4.1.600 NMAC, 265.111, which requires that the unit be closed in a manner that

- minimizes the need for further maintenance, and
- controls, minimizes or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated runoff, or hazardous waste decomposition products to ground or surface waters or to the atmosphere, and

- complies with the appropriate unit-specific closure requirements of 40 CFR Part 265 (as adopted by 20.4.1.600 NMAC). For MDA P, the appropriate requirement is 265.258(a), which states the following:

> At closure, the owner or operator must remove or decontaminate all waste residues, contaminated containment system components (liners, etc.), contaminated subsoils, and structures and equipment contaminated with waste and leachate, and manage them as hazardous waste unless 261.3(d) of this chapter applies.

EPA has clarified that "decontamination and removal" of "all waste residues," as described in the closure performance standard, means removal of hazardous constituents derived from hazardous wastes that are present in the environment at or above levels that pose a potential unacceptable risk to human health or the environment (52 FR 8704, March 19, 1987; 53 FR 9844, March 28, 1988). This concept supports the risk-based approach to demonstration of clean closure presented in section 2.5. The use of risk-based approaches during clean closure is consistent with EPA guidance and policy directives that encourage coordination of cleanup requirements and eliminate duplication of effort (EPA 1998, 73777). It is EPA's longstanding position that regulated units may be clean closed to protective, risk-based media cleanup standards and that post-closure care is unnecessary if, after closure, no hazardous wastes or waste residues remain at the site of the unit above levels that present unacceptable risk to human health or the environment.

Table 2.1-1 summarizes how the Laboratory has complied with each aspect of the closure performance standard for MDA P, and where each of these aspects of the performance standard is addressed in this document.

Table 2.1-1
Requirements for Demonstration of Clean Closure, MDA P

Requirement	Regulatory Citation[a]	Location in Report	Comments
Closure performance standard. The owner or operator must close the facility in a manner that	265.111	—	—
minimizes the need for further maintenance, and	265.111(a)	Sections 2.2 – 2.5 and 3.0	The Laboratory has removed or decontaminated all wastes, components, structures, equipment, and contaminated subsoils associated with the MDA P Site. Because all waste has been removed and waste residues are below levels that present a potential unacceptable risk to human health and the environment, there is no need for further maintenance in the post-closure period.

Table 2.1-1 (continued)

Requirement	Regulatory Citation[a]	Location in Report	Comments
controls, minimizes, or eliminates, to the extent necessary to protect human health and the environment:	265.111(b)	—	—
the post-closure escape of hazardous waste or hazardous constituents		Sections 2.2, 2.4, and the Phase I report[b]	The Laboratory performed closure by removal and decontamination, thereby eliminating the potential for post-closure escape of hazardous wastes or hazardous constituents. Waste management was conducted in accordance with the approved closure plan and applicable regulations. All contaminated equipment, structures, soils, and other wastes generated as a result of closure activities were properly characterized, managed, decontaminated, and/or disposed.
post-closure escape of leachate		Section 2.2 and the Phase I report[b]	Because all waste has been removed, there is no potential for post-closure leachate generation.
post-closure escape of contaminated run-off		Sections 2.2, 2.5.3, and the Phase I report[b]	Post-closure escape of contaminated run-off is minimized because all waste has been removed and waste residues are below levels that present a potential unacceptable risk to human health and the environment.
post-closure escape of hazardous waste decomposition products		Sections 2.2, 2.5.3, and the Phase I report[b]	The Laboratory performed closure by removal and decontamination and managed all waste in accordance with the approved closure plan and applicable regulations. Waste residues are below levels that present a potential unacceptable risk to human health and the environment, including generation of decomposition products.
to surface water		Sections 2.5.2, 2.5.3, 3.0	There are no surface water bodies within the MDA P site. Post-closure escape of hazardous waste or surface water is minimized because all waste has been removed and waste residues are below levels that present a potential unacceptable risk to human health and the environment.
to groundwater		Sections 2.3, 2.5.2, 3.0, and the Phase II report[c]	Data collected from borehole geophysical and geochemical studies, the fracture characterization study, and the confirmation sampling indicate no surface-to-groundwater pathway at the MDA P Site.
to the atmosphere		Sections 2.5.2, 2.5.3	Because waste residues in soil and tuff are below levels that present a potential unacceptable risk to human health and the environment, the potential for exposure via release of contamination to the atmosphere is negligible.

Table 2.1-1 (continued)

Requirement	Regulatory Citation[a]	Location in Report	Comments
Complies with the closure requirements of this subpart, including but not limited to:	265.111(c)	—	—
	265.197	Not applicable	Applies to closure of tanks
	265.228	Not applicable	Applies to closure of surface impoundments
	265.258	**see below**	**Applies to closure of waste piles**
	265.280	Not applicable	Applies to closure of land treatment units
	265.310	Not applicable	Applies to closure of landfills
	265.351	Not applicable	Applies to closure of incinerators
	265.381	Not applicable	Applies to closure of thermal treatment units
	265.404	Not applicable	Applies to closure of chemical, physical, and biological treatment units
	264.1102	Not applicable	Applies to closure of containment buildings
For waste piles: At closure, the owner or operator must remove or decontaminate all waste residues, contaminated containment system components (liners, etc), contaminated subsoils, and structures and equipment contaminated with waste and leachate, and manage them as hazardous waste, unless 261.3(d) applies; or	265.258(a)	Sections 2.2, 2.4, 2.5.3, and the Phase I report[b]	The contents of MDA P, including waste residues and structures, were removed and/or decontaminated, and disposed. All contaminated containment system components, contaminated subsoils, and structures and equipment contaminated with waste were removed and/or decontaminated. Only soils and tuff containing residual levels of hazardous constituents that are below acceptable risk-based levels for human and ecological receptors are left in place. Waste management was conducted in accordance with the approved closure plan and applicable regulations. All contaminated equipment, structures, soils, and other wastes generated as a result of closure/remediation activities were properly characterized, managed, decontaminated, and/or disposed.
If, after removing or decontaminating all residues and making all reasonable efforts to effect removal and decontamination of contaminated components, subsoils, structures, and equipment as required in paragraph (a) of this section, the owner or operator finds that not all contaminated subsoils can be practicably removed or decontaminated, he must close the facility and perform post-closure care in accordance with the closure and post-closure requirements that apply to landfills.	265.258(b)	Not applicable, as demonstrated in sections 2.4, 2.5, 3.0	Confirmation sampling was conducted to verify removal to operational PRGs and to provide sufficient data for the human health and ecological risk assessment. Only soils and tuff containing residual levels of hazardous constituents that are below acceptable risk-based levels for human and ecological receptors are left in place.

Table 2.1-1 (continued)

Requirement	Regulatory Citation[a]	Location in Report	Comments
Certification of closure. The owner or operator must submit a certification that the hazardous waste management unit has been closed in accordance with the specifications in the approved closure plan. The certification must be signed by the owner or operator and an independent, registered professional engineer.	265.115	Section 5	The independent registered professional engineer, by his certification, attests that the approved closure plan for achieving clean closure has been followed.

[a] Citations are to 20.4.1.600 NMAC, which adopts 40 CFR Part 265.

[b] As required by NMED (NMED 2003, 76017), information pertaining to the waste removal and decontamination activities are documented under separate cover, but incorporated by reference, in the "MDA P Site Phase I Closure Implementation Report" (LANL 2003, 76054).

[c] As required by NMED (NMED 2003, 76017), information pertaining to the bedrock fracture characterization study is documented under separate cover, but incorporated by reference, in "Bedrock Fracture Characterization at MDA P Site: Phase II Closure Implementation Report" (LANL 2003, 77423).

At the time that the closure plan for MDA P was submitted, a clean closure equivalency demonstration pursuant to 20.4.1.900 NMAC, 270.1(c)(5) and (6) was believed to be necessary. However, the Laboratory and NMED have determined and agreed that this additional step to demonstrate clean closure is not required because of the conforming changes to the regulations that made interim status closure requirements equally as stringent as those for permitted hazardous waste management units. Further explanation of this regulatory approach and supporting references are provided in Appendix F.

2.1.2.2 Flash Pad 387 Clean Closure Performance Standard

The closure plan for Flash Pad 387 was prepared and submitted to NMED in August 1999 and was approved in April 2000 (LANL 1999, 63547). As stated in the approved closure plan, the objective of the Flash Pad 387 closure was to meet the general facility closure performance standard in 20.4.1.600 NMAC, 265.111, which states that the unit will be closed in a manner that

- minimizes the need for further maintenance;
- controls, minimizes or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated runoff, or hazardous waste decomposition products to ground or surface waters or to the atmosphere; and
- complies with the appropriate unit-specific closure requirements of the Code of Federal Regulations Title 40 (40 CFR) Part 265 (as adopted by 20.4.1.600 NMAC). For Flash Pad 387, the appropriate standard is 265.381, which states that:

> At closure, the owner or operator must remove all hazardous waste and hazardous waste residues (including, but not limited to, ash) from the thermal treatment process or equipment.

As discussed in section 2.1.2.1, "removal of all hazardous waste residues" was clarified by EPA to mean all hazardous constituents at or above levels that pose a potential unacceptable risk to human health or the environment.

Table 2.1-2 summarizes how the Laboratory complies with each aspect of the closure performance standard for Flash Pad 387, and where each of these aspects of the performance standard is addressed in this document.

Table 2.1-2
Requirements for Demonstration of Clean Closure, Flash Pad 387

Requirement	Regulatory Citation[a]	Location in Report	Comments
Closure performance standard. The owner or operator must close the facility in a manner that	265.111	—	—
minimizes the need for further maintenance, and	265.111(a)	Sections 2.2–2.5	Because all waste has been removed and waste residues are below levels that present a potential unacceptable risk to human health and the environment, there is no need for further maintenance in the post-closure period.
controls, minimizes, or eliminates, to the extent necessary to protect human health and the environment:	265.111(b)	—	—
the post-closure escape of hazardous waste or hazardous constituents,		Sections 2.2, 2.4, 2.5.3, and the Phase I report[b]	The Laboratory performed closure by removal and decontamination, thereby eliminating the potential for post-closure escape of hazarous waste or hazardous constituents. Waste management was conducted in accordance with the approved closure plans and applicable regulations. All contaminated equipment, structures, soils, and other wastes generated as a result of closure activities were properly characterized, managed, decontaminated, and/or disposed. Waste residues are below levels that present a potential unacceptable risk to human health and environment.
post-closure escape of leachate		Not applicable	Flash Pad 387 operations did not result in leachate generation. No waste that would result in post-closure leachate generation is present at the site.
post-closure escape of contaminated run-off		Sections 2.2, 2.5.3, and the Phase I report[b]	Post-closure escape of contaminated run-off is minimized because all waste has been removed and waste residues are below levels that present a potential unacceptable risk to human health and the environment.

Table 2.1-2 (continued)

Requirement	Regulatory Citation[a]	Location In Report	Comments
post-closure escape of hazardous waste decompostion products	265.111(b) (continued)	Sections 2.2, 2.5.2, 2.5.3, and the Phase I report[b]	The Laboratory performed closure by removal and decontamination and managed all waste in accordance with the approved closure plan and applicable regulations. Waste residues are below levels that present a potential unacceptable risk to human health and the environment, including generation of decomposition products.
to surface water		Sections 2.5.2, 2.5.3, 3.0	There are no surface water bodies in the immediate vicinity of the former location of Flash Pad 387. Post-closure escape of hazardous wastes or constituents to surface water is minimized because all waste has been removed and waste residues are below levels that present a potential unacceptable risk to human health and the environment.
to groundwater		Sections 2.3, 2.5.2, 3.0, and the Phase II report[c]	Data collected from borehole geophysical and geochemical studies, the fracture characterization study, and the confirmation sampling indicate no surface-to-groundwater pathway at the MDA P Site, which includes Flash Pad 387.
to the atmosphere		Sections 2.5.2, 2.5.3	Because waste residues in soil and tuff are below levels that present a potential unacceptable risk to human health and the environment, the potential for exposure via release of contamination to the atmosphere is negligible.
Complies with the closure requirements of this subpart, including but not limited to:	265.111(c)	—	—
	265.197	Not applicable	Applies to closure of tanks
	265.228	Not applicable	Applies to closure of surface impoundments
	265.258	Not applicable	Applies to closure of waste piles
	265.280	Not applicable	Applies to closure of land treatment units
	265.310	Not applicable	Applies to closure of landfills
	265.351	Not applicable	Applies to closure of incinerators
	265.381	**See below**	**Applies to closure of thermal treatment units**
	265.404	Not applicable	Applies to closure of chemical, physical, and biological treatment units
	264.1102	Not applicable	Applies to closure of containment buildings

Table 2.1-2 (continued)

Requirement	Regulatory Citation[a]	Location in Report	Comments
For thermal treatment units: At closure, the owner or operator must remove all hazardous waste residues (including, but not limited to, ash) from the thermal treatment process or equipment.	265.381	Sections 2.2, 2.5.3, 2.4, and the Phase I report[b]	The Flash Pad 387 structure and hazardous waste residues, including ash, and potentially contaminated underlying material were removed. Decontamination of the debris associated with the concrete pad was conducted prior to disposal. All equipment and structures associated with closure operations were decontaminated, reclaimed, recycled, or disposed. Only soils and tuff containing residual levels of hazardous constituents that are below acceptable risk-based levels for human and ecological receptors are left in place. Waste management was conducted in accordance with the approved closure plan and applicable regulations. All contaminated equipment, structures, soils, and other wastes generated as a result of closure/remediation activities were properly characterized, managed, decontaminated, and/or disposed.
Certification of closure. The owner or operator must submit a certification that the hazardous waste management unit has been closed in accordance with the specifications in the approved closure plan. The certification must be signed by the owner or operator and an independent, registered professional engineer.	265.115	Section 5	The independent registered professional engineer, by his certification, attests that the approved closure plan for achieving clean closure has been followed.

[a] Citations are to 20.4.1.600 NMAC, which adopts 40 CFR Part 265.

[b] As required by NMED (NMED 2003, 76017), information pertaining to the waste removal and decontamination activities are documented under separate cover, but incorporated by reference, in the "MDA P Site Phase I Closure Implementation Report" (LANL 2003, 76054).

[c] As required by NMED (NMED 2003, 76017), information pertaining to the bedrock fracture characterization study is documented under separate cover, but incorporated by reference, in "Bedrock Fracture Characterization at MDA P Site: Phase II Closure Implementation Report" (LANL 2003, 77423).

2.1.2.3 SWMU 16-016(c)-99 VCA Objectives

SWMU 16-016(c)-99 is not a regulated hazardous waste management unit, but is a SWMU and is, therefore, subject to RCRA/Hazardous and Solid Waste Amendments (HSWA) corrective action requirements specified in 20.4.1.500 NMAC, 264.101, and in Module VIII of the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 01585; EPA 1994, 44146). The VCA for this SWMU was completed in accordance with an approved VCA plan, which was included as an appendix to the MDA P SAP (LANL 1999, 63546). Based on the results of the coordinated activities described in this report, the VCA completion requirements have been satisfied and SWMU 16-016(c)-99 is proposed for NFA based on Criterion 5, which states that the SWMU has been characterized or remediated in accordance with applicable state or federal regulations and that the available data indicate that chemicals of concern are either not present or are present at concentrations that pose no potential unacceptable risk to human or

ecological receptors under projected future land use (NMED 1998, 57897). The risk-based approach used for demonstrating NFA is identical to the one used for demonstrating clean closure by removal and decontamination for the hazardous waste disposal and treatment units and is presented in section 2.5.

Because of the differences in programmatic requirements between corrective action and closure, a separate VCA completion report for SWMU 16-016(c)-99 will be submitted to NMED.

2.1.3. Basis for Demonstration of Clean Closure

In summary, the Laboratory demonstrates that the clean closure performance standards for MDA P and Flash Pad 387, as well as the NFA criterion for SWMU 16-016(c)-99 are met, based on the following:

- The contents of MDA P, including waste residues and structures, were removed and/or decontaminated, and disposed. All contaminated containment system components, contaminated subsoils, and structures and equipment contaminated with waste were removed and/or decontaminated. Only soils and tuff containing residual levels of hazardous constituents that are below acceptable risk-based levels for human and ecological receptors are left in place.

- The Flash Pad 387 structure and potentially contaminated underlying material were removed. Decontamination of the debris associated with the concrete pad was conducted prior to disposal. All equipment and structures associated with closure operations were decontaminated, reclaimed, recycled, or disposed. Only soils and tuff containing residual levels of hazardous constituents that are below acceptable risk-based levels for human and ecological receptors are left in place.

- SWMU 16-016(c)-99 was characterized and remediated in accordance with the approved VCA plan and all applicable regulations. Only soils and tuff containing residual levels of hazardous constituents that are below acceptable risk-based levels for human and ecological receptors are left in place.

- Waste management was conducted in accordance with the approved closure plans, the VCA plan, and applicable regulations. All contaminated equipment, structures, soils, and other wastes generated as a result of closure/remediation activities were properly characterized, managed, decontaminated, and/or disposed.

- Confirmation sampling was conducted to verify that the operational PRGs were met and to provide sufficient data for the human health and ecological risk assessment. Risk assessment results demonstrate that the remaining soils and tuff at the site containing residual hazardous constituents pose no unacceptable potential risk to human and ecological receptors.

- Data collected from borehole geophysical and geochemical studies, the fracture characterization study, and the confirmation sampling indicate no surface-to-groundwater pathway at the MDA P Site.

2.2 Waste Removal and Decontamination

2.2.1 Introduction

Phase I closure activities at the MDA P Site principally consisted of those activities directed toward removal of the waste inventory and decontamination of the site. Major activities included preclosure activities, establishment of operational PRGs, initial waste and soil removal activities, final soil removal,

waste management, demobilization and site stabilization, and site restoration. These major activities are described in sections 2.2.2 through 2.2.8, respectively. More detailed descriptions are included in the Phase I report (LANL 2003, 76054).

2.2.2 Preclosure Activities

Preclosure activities were conducted prior to the start of waste removal and decontamination. Preclosure activities include those actions needed to prepare for excavation of wastes and soil at the MDA P Site. These activities, which are described in the following paragraphs, included surface screening surveys for barium and radiation, investigation of disposed materials via test pits, and various construction, installation, and other mobilization activities.

Barium and surface radiation surveys were conducted in 1996 to establish background surface conditions and map areas of elevated barium concentrations and radiation. A 30- x 30-ft grid was established over the site to identify survey locations. The survey was conducted using field instruments to measure the concentration of barium in soil and beta-gamma radiation levels. Survey results are presented in the Phase I report (LANL 2003, 76054).

Construction activities were undertaken to construct various ancillary facilities needed to support excavation. The materials segregation area, designed for waste segregation operations, was constructed in late 1996 on the east side of MDA P. Also in late 1996, a materials decontamination pad, designed for the debris decontamination operations, was constructed on the upland area south of MDA P and directly east of Flash Pad 387. In 1997, three runoff trenches with a total length of approximately 470 ft were constructed at the base of MDA P to collect stormwater runoff during Phase I activities; two trenches were constructed below the west lobe in the terrace materials and one was constructed below the east lobe in the bedrock. Construction of the east lobe trench required the construction of an access road, known as the East Access Road, along the upper east side of the project area. Construction drawings are included in the Phase I report (LANL 2003, 76054).

A series of test pits were excavated in 1997 prior to full-scale excavation to characterize the extent of the waste pile boundaries and types and extent of debris, waste pile soil cover, fill, and contamination in areas designed for access, haul roads, and excavation support. The results of the test pits were also needed to support preparation of a site-specific health and safety plan (SSHASP) and radiological work permits. The depths to bedrock, debris, and other soil horizons were observed in the six sets of pits that were excavated. The pit observations established a debris line, north of which the subsurface included waste materials, and south of which the subsurface was comprised of soil and rock backfill with only small amounts of scattered surface debris. The test pit observations are summarized in the Phase I report (LANL 2003, 76054).

Other site preparations for the closure implementation activities included the installation of haul roads, staging pads, water tanks, office and support trailers, and waste sorting areas, as well as mobilization of equipment for excavation, decontamination, safety, and communications.

A SSHASP was prepared to document worker protection requirements for waste removal and decontamination activities. The test pit results, which identified the presence of pieces of detonable HE, were used to develop the waste pile excavation strategy and key features of the SSHASP. The SSHASP also addressed management of asbestos and containers of unknown content. A copy of the SSHASP (including all attachments and modifications) is included in the Phase I report (LANL 2003, 76054).

The detection of detonable pieces of HE in test pits indicated the need for remote excavation in order to avoid placing personnel in direct contact with potential explosive hazards. A computer-controlled, remotely-operated, 25 metric ton, hydraulic excavator was, therefore, developed and deployed to the site to perform all initial excavation operations. Initial debris removal operations were conducted near the canyon floor in December 1998 and January 1999 to test the system and establish the coordination efforts between the robotics system and the technical personnel on the ground.

The surface radiation surveys did not indicate the presence of radioactive contamination at the site. Based on the history of the site, however, the potential existed for buried radioactive material that might not be detectable at the surface. Radiological protection requirements, including radiological work permits (RWPs) and establishment of a Radiological Controlled Area (RCA), were established to cover the possibility of encountering radiologically-contaminated debris during excavation. Copies of the RWPs are included in the Phase I report (LANL 2003, 76054).

An excavation grid (the same as the 30- x 30-ft grid used for the 1996 barium survey) was established for tracking the progress of the excavation. This grid was designed to be small enough to be utilized for confirmation sampling during Phase II without having to create a different grid, and large enough to represent a measurable portion of MDA P. The barium survey grid and the excavation grid were offset by 15 ft, north and east, such that the centers of the survey grid cells represented the nodes of the excavation grid cells. Because the barium surface survey only covered the upper terrace of MDA P, the excavation grid was extended northward to cover the entire MDA P footprint. The excavation grid was exactly overlain by the grid later used for confirmation sampling (section 2.4).

2.2.3 Preliminary Remediation Goals

PRGs were established to serve as operational guidelines during excavation. Barium was established as the primary index for removal activities for inorganic chemicals for the following reasons: barium contamination was ubiquitous across the MDA P Site; barium was assumed to be collocated with other inorganic chemicals; barium was likely to be at higher concentrations, and may have been more mobile, in the environment than other metals; and barium concentrations could be readily measured with a field x-ray fluorescence (XRF) instrument. It was determined that the human health risk-based barium PRG of 5600 mg/kg presented in the closure plan would not meet the removal criterion for hazardous waste soils, i.e., soils for which a sample extract could fail the toxicity characteristic leaching procedure (TCLP) limit of 100 milligrams per liter (mg/L) for barium. Thus, the "20-times" rule (i.e., a total concentration of 20 times the regulatory limit of 100 mg/L for barium) was used to establish the operational PRG of 2000 mg/kg for field-screening determinations of suspected hazardous waste for staging purposes and for making determinations of whether sufficient materials had been excavated to reduce human health and ecological risks related to residual contamination at the MDA P Site.

Other contaminants known to be ubiquitous across the MDA P Site were the HE compounds RDX (1,3,5-trinitro-1,3,5-triazacyclohexane) and TNT (2,4,6-trinitrotoluene). As with barium, RDX and TNT were measured in the excavated materials for assessing health and safety concerns during waste segregation operations and to determine whether sufficient material had been excavated and removed. RDX and TNT measurements were not as efficient or as timely as the XRF results, as soil samples had to be collected and processed for analysis by EPA Solid Waste 846 (SW-846) Methods 8510 and 8515. RDX was established as the operational index for removal activities for HE for the following reasons: RDX was found to be more prevalent than TNT; RDX has a higher toxicity than TNT (thus, removal based on RDX is based on a more restrictive standard and is more protective of human health than TNT); RDX was assumed to be collocated with other HE contamination; and RDX was likely to be at higher concentrations, and is more mobile in the environment, than other HE compounds. An operational PRG of

16 mg/kg was used for RDX to determine if sufficient materials had been excavated and removed to address human health and ecological risk concerns. This value is consistent with the EPA Region 6 industrial human health medium-specific screening level (EPA 1999, 64637).

2.2.4 Initial Waste and Soil Removal

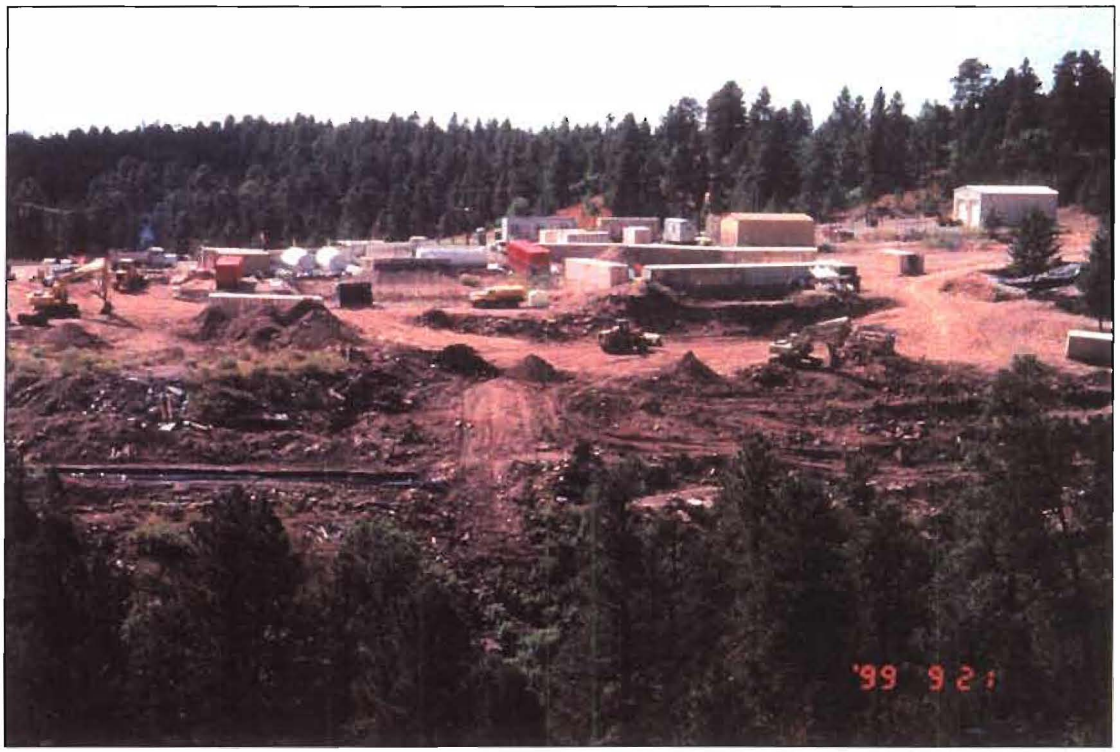
Initial waste and soil removal activities were guided by visual observation of waste or contamination and the results of field surveys. These activities were conducted to remove the waste inventory and the bulk of contaminated soil. Removal activities conducted at MDA P, Flash Pad 387, and SWMU 16-016(c)-99 are described in sections 2.2.4.1 through 2.2.4.3, respectively.

2.2.4.1 MDA P

Excavation of MDA P began on February 2, 1999, on the upper portion of the west lobe, followed by excavation of the east lobe. Excavation operations were monitored by an explosives specialist designated by the on-site contractor accompanying the robotics operator and observing operations on a video monitor in the control trailer. Photograph 2.2-1 shows the remote excavation in progress. Benches were excavated across the lobes, providing working surfaces for access down the slopes. Some debris materials were removed from the streambed, but no excavation was performed in the stream. The excavation of the east lobe began in August 2000 and was relatively uneventful. The lobe was entirely underlain by bedrock and the debris of the east lobe did not extend down the lower slopes, as had been the case with the west lobe. No robotics excavation was necessary at the lower east lobe because detonable explosives debris was not identified (or encountered) in this area of the MDA P. The excavation extended southward until no additional debris was encountered.

Photograph 2.2-1. Remote excavation of MDA P contents, 1999 (view to east)

Excavation occurred in approximately 100 to 200 yd^3 increments. Excavated materials were placed in a pile adjacent to the excavation. Excavation was suspended every 20 to 30 yd^3 to allow personnel to inspect the materials to ensure that hazardous explosives materials were not overlooked by the robotics operator. Excavation operations were also suspended to allow additional inspections whenever the robotics operator or the explosives specialist observed suspicious items. After determining there was little danger of a detonation from a large or suspicious object, the excavated materials were handled with conventional heavy equipment equipped with Lexan blast shields. Excavation events typically occurred once a week to allow for inspection and waste segregation of the excavated materials within the limited space for staging materials. Photographs 2.2-2 and 2.2-3 show the west and east lobes of MDA P with excavation in progress. Additional details on excavation of debris at MDA P are presented in the Phase I report (LANL 2003, 76054).



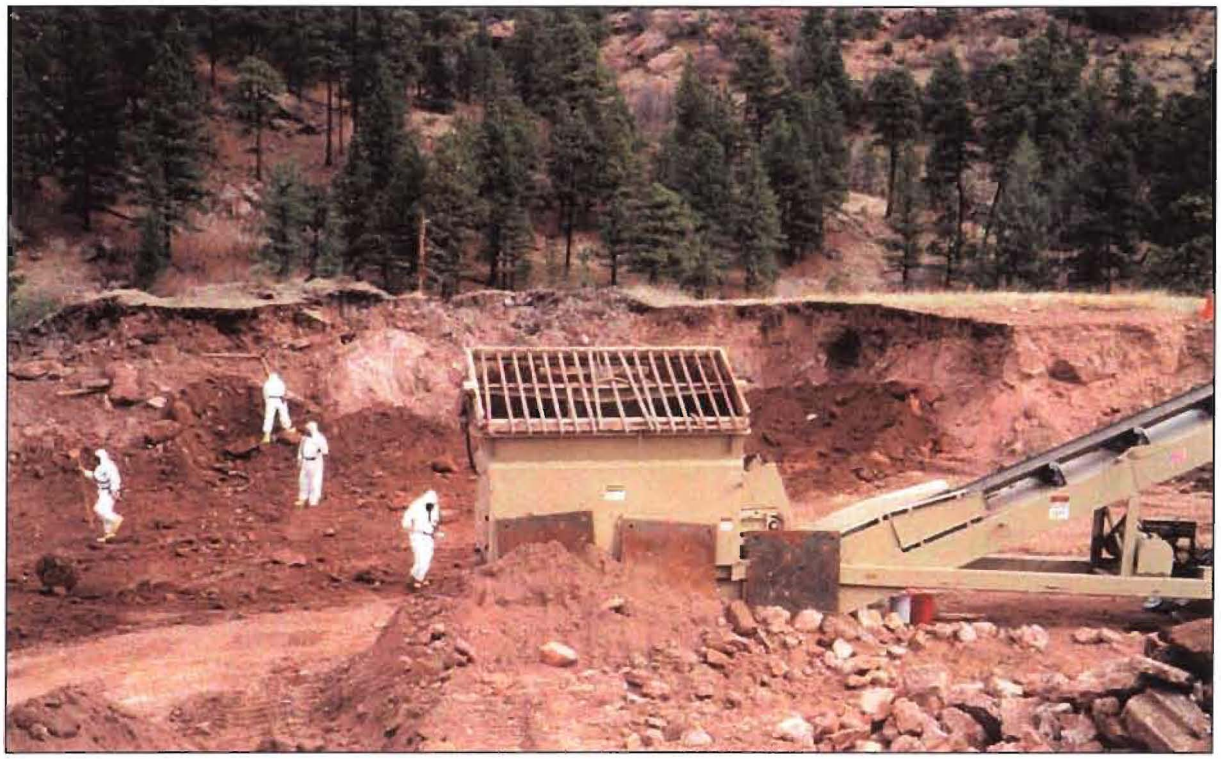
Photograph 2.2-2. Excavation activities in the west lob of MDA P, 1999 (view to south)

Photograph 2.2-3. Excavation activities in the east lob of MDA P, 2000 (view to south)

Photograph 2.2-4 shows debris excavated in 2000 from MDA P. After the debris excavation and prior to the start of the excavation of contaminated soils, an interim barium surface survey was conducted across the excavated portions of MDA P and Flash Pad 387 in order to identify areas requiring additional excavation to achieve the operational barium PRG of 2000 mg/kg. Residual barium concentrations were measured using a field XRF instrument collected at the grid centers. Measurement activities designed to test for residual DU were performed using a beta-gamma radiation counter, providing the basis for the removal of RCA restrictions of large areas; no grids had activity measured above instrument background after excavating. Grid cells with barium concentrations greater than the operational PRG of 2000 mg/kg underwent additional excavation. HE concentrations in individual grid cells were not measured in this interim survey. Grid cells that met the barium operational PRG underwent a "final release survey" to determine whether additional excavation was necessary (see section 2.2.5).

Photograph 2.2-4. Example of excavated materials, shown during segregation process, 2000 (view to northeast)

At the completion of the removal of the MDA P contents via remote operations, excavation continued for the removal of contaminated soils (i.e., over-excavation as shown in Photograph 2.2-5) via conventional methods; this began August 13, 2000. Approximately 21,000 yd^3 of contaminated soil and rock were excavated from MDA P. Soils were excavated in each grid cell in approximately 6-in. lifts, followed by an XRF survey. XRF measurements of barium concentrations were taken at five locations within a grid cell and then averaged. Material removal continued until the average value met the barium operational PRG of 2000 mg/kg. Once the barium operational PRG was met, a grab sample was collected near the grid center for HE field analysis. As with the barium screen, material removal continued until the operational PRG for RDX (16 mg/kg) was also met, at which time the excavation was deemed complete. The entire former MDA P footprint and the operational support areas were subjected to the field-screening process for barium and RDX to ensure that the extent of contamination had been defined and remediated to the operational PRGs.



Photograph 2.2-5. Soil excavation (over-excavation)

After completion of the MDA P excavation, the excavation grid was enlarged to the south and west to include areas of contaminated soils that existed beyond the borders of the MDA P debris/excavation areas, Flash Pad 387, and SWMU 16-016(c)-99 in the grid system. Added grid cells were 30 x 30 ft.

2.2.4.2 Flash Pad 387

Remote excavation operations started on the lower portions of Flash Pad 387 and progressed southward. All initial excavation operations were performed by the remote excavation system because of the potential presence of HE; however, no buried HE was encountered. Minor amounts of metallic debris were scattered at the flash pad, some wholly or partially buried. Bedrock was encountered across the entire area. Some bedrock was scraped with the excavator teeth to achieve the operational PRGs for barium and RDX.

During excavation, a previously unknown trench was located in the eastern part of the area. The trench appeared to originate in the middle of the south boundary and trended northeasterly where it terminated approximately 20 ft east of the eastern boundary fence. The trench also contained remnants of a previously unknown 4-in. VCP. Both ends of the pipe were crushed with no evidence of original source fittings or termination outfall. The VCP remnants were excavated and staged for waste sampling and characterization.

The decontamination pad and the hand-sorting pad adjacent to the Flash Pad 387 concrete were demolished and staged for waste sampling. The soils under and adjacent to these pads were surveyed for barium and HE. The soils adjacent to the decontamination pad, extending west to Flash Pad 387, were found to be contaminated with barium and HE, but the soils extending eastward from the decontamination pad were not. All excavated soils were staged for waste sampling and characterization.

2.2.4.3 SWMU 16-016(c)-99

Most of the SWMU 16-016(c)-99 excavation was performed after the removal of MDA P and Flash Pad 387 was complete (approximately August 2000 to March 2001).

Excavation within the boundary of the barium nitrate pile included both remote and conventional means. Because part of the boundary of the barium nitrate pile extended down the western margin of MDA P, contaminated materials in this area were excavated during the excavation of MDA P. No attempt was made to segregate or identify materials that were specifically related to migration of barium nitrate from the pile area.

Soils within Flash Pad 386 were excavated and staged with soils from adjacent areas of the MDA P excavation. Field screening for barium was used to identify the extent of excavation. Surface soils and some bedrock materials were removed from within the flash pad area. Discontinuous areas downgradient of the flash pad were removed. Barium contamination was not found to have penetrated the bedrock beneath the flash pad. Some residual bedrock contamination was identified in the drainage along the western margin of MDA P, but it was below the barium operational PRG of 2,000 mg/kg. The remaining areas of exposed soil within the Flash Pad 386 fence were screened for barium contamination. After excavation, a layer of soil and gravel was placed in the excavation within the current fence. Gravel was placed on the north side of the current fenceline as an erosion control measure.

The septic tank and waste line were remediated in two stages (March 2001 and March 2002). In March 2001, the waste line (4-in.-diameter VCP) was located and excavated from the tank to its endpoint. The pipe was empty and the connection with the tank had been plugged. The tank outlet was plugged and the waste line was taken out of service. Field-screening of the pipe interior indicated that no HE or barium contamination was present. The distal 10 ft of the waste line was crushed pipe with no defined outfall. The metal top and riser of the tank were excavated to expose the tank itself, estimated to be a 100-gal. metal tank. A representative of NMED Field Operations Division inspected the tank and the tank was backfilled with clean soil to grade and left in place. A copy of the NMED inspector's form is included in the Phase I report (LANL 2003, 76054). The pipe inlet was plugged with a polyvinyl chloride pipe fitting and the water was turned off inside the building at the toilet to decommission the source. Soil surrounding the tank and the edges and interior portions of the tank were field-tested for HE and barium and found to be below operational PRGs for both. In March 2002, the tank and pipe were excavated, sampled, and removed completely.

2.2.5 Final Soil Removal

Following completion of initial waste and soil removal activities, confirmation sampling was performed to quantify residual soil contamination (section 2.4). The results of the confirmation sampling showed concentrations greater than operational PRGs at certain locations, indicating the need for additional soil excavation. These final soil removal activities are summarized below and described in detail in the Phase I report (LANL 2003, 76054).

Additional excavations were performed at all locations found to exceed the operational PRGs, based on Phase II analytical results. Fourteen sample locations were identified with concentrations of barium or RDX (or both) above the operational PRGs. Eight of the 14 locations contained bedrock outcrop that could not be easily excavated with the available equipment and six locations contained soil or other unconsolidated deposits that could be excavated further, including four grid cells with elevated barium concentrations in the upper and lower east drainages.

Confirmation samples collected from the upper east drainage indicated that barium was present above the operational PRG. Barium surveys with the XRF instrument indicated that barium concentrations increased southward. Excavation was performed between September 10 and 14, 2001. Approximately 1000 yd^3 of materials were removed.

This removal was followed by another round of confirmation sampling on the excavated area down the center of the drainage and along the drainage margins. The confirmation results and another field survey indicated that barium and RDX were still present above the operational PRGs. These results directed additional excavation in the upper east drainage until surveys indicated the operational PRGs had been met.

Confirmation samples identified isolated areas in the east and west sides of the drainage above operational PRGs. To ensure the extent of contamination was investigated, the entire circumference of the upper reach of the east drainage was surveyed for barium with the XRF instrument at 5-ft intervals. Soils from areas identified by the XRF as having high barium concentrations were excavated and removed until barium and RDX concentrations were below the operational PRGs. This resulted in approximately 300 yd^3 of soil and rock being removed from the upper east drainage.

A secondary survey of the lower east drainage was performed after the excavation of the upper east drainage revealed elevated levels of barium beneath surface materials. The entire length of the lower reach of the east drainage was investigated with the field XRF. While most of the sediment in the lower east drainage met the barium operational PRG, elevated concentrations of barium were present at two locations. One location was excavated with hand tools, due to the small volumes of sediments with elevated barium concentrations and the difficulty accessing that area of the drainage. The other location was excavated by conventional techniques using heavy equipment. Approximately 24 yd^3 of sediment were removed from the lower east drainage.

Upon completion of the excavation of contaminated soils, a final screening surface survey was conducted for residual barium and HE contamination, using a field XRF instrument for barium and a field test kit for HE. The final HE survey measured TNT, nitroamines, and HMX, in addition to RDX, to ensure that residual HE contamination was appropriately characterized and was addressed with additional excavation and removal, if necessary. These surveys were conducted at all grid cells that passed the interim survey and those grid cells that received additional excavation. The surveys were conducted across the excavated portions of the entire MDA P Site, as well as the field support areas, including the soil and water tank staging areas, decontamination pad, and haul roads.

XRF measurements were performed at four locations within each grid and at the grid center, for an average concentration of barium for each grid cell. An average barium concentration greater than the operational PRG directed additional excavation, if such excavation was possible. Grab samples were collected from the grid centers for analysis of HE for those grid cells with an average barium concentration below the operational PRG. HE analyses were performed using EPA SW-846 Method 8515 for nitroaromatics (e.g., TNT) followed by EPA SW-846 Method 8510 for RDX and HMX for those samples that met the PRG of 530 mg/kg for TNT defined in the SAP (LANL 1999, 63546). The additional surveys (beyond barium and RDX) were performed to ensure that residual contamination had been characterized appropriately and removed, if necessary. Minor excavation was performed to remove TNT contamination above the PRG and, where feasible, some grid cells received additional excavation due to residual RDX contamination above the operational PRG.

The results of the final screening survey identified grid cells that (1) contained bedrock outcrop that had been excavated as much as possible using the available technology and still contained measurable

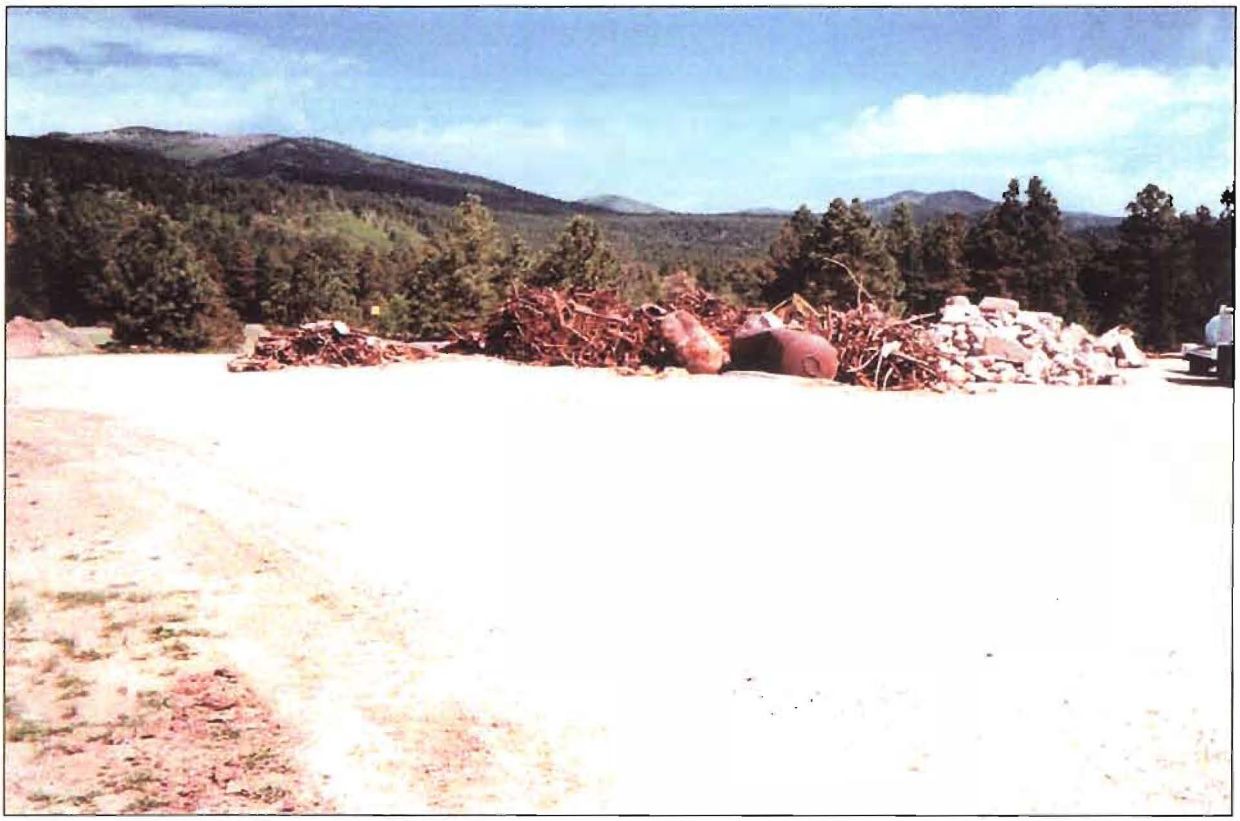
residual barium and/or HE contamination, or (2) contained unconsolidated deposits consisting of fill or soil materials that met the operational PRGs for barium and HE, and could be left in place. Six test pits excavated in the unconsolidated deposits north, northeast, and northwest of Flash Pad 387 were found to meet the operational PRGs for barium and RDX. The Phase I report provides a map of the final survey results at the completion of Phase I (LANL 2003, 76054).

2.2.6 Waste Management

Wastes generated during Phase I included waste, debris, and soil excavated from the MDA P Site, as well as incidental wastes generated during support activities, such as decontamination. Waste management activities included segregation and storage, characterization, and disposition. These activities are summarized in sections 2.2.6.1 through 2.2.6.3, respectively, and described in detail in the Phase I report (LANL 2003, 76054).

2.2.6.1 Waste Segregation and Staging

Waste segregation was performed for waste minimization, to facilitate proper waste characterization, and to meet the RCRA treatment, storage, and disposal (TSD) facility's waste acceptance criteria (WAC). Segregation operations included removing pieces of HE, barium nitrate, asbestos, metal and concrete debris, containers of unknown content, and a small amount of DU from soil. The entire contents of MDA P were subjected to this segregation process, although no segregation was performed on soil excavated during the manual over-excavation portion. Soils excavated to achieve the operational PRGs did not contain debris and did not undergo the segregation process because these soils were assumed to be contaminated with barium and HE. Photograph 2.2-6 shows examples of post-segregation debris.



Photograph 2.2-6. Example of metal and concrete debris, post-segregation, 1999

Waste staging areas were constructed within the area of contamination for contaminated soils, decontamination water, stormwater, and containers of unknown content. The staging area for contaminated soil proved to be inadequate because the volume greatly exceeded initial expectations. As a result, the staging areas at the 90s Line, west of MDA P within TA-16, were used for suspected industrial waste soils and decontaminated debris.

The waste segregation and staging processes applied to each of the major waste streams are summarized in Table 2.2-1. Segregation and staging activities are described in detail in the Phase I report (LANL 2003, 76054).

Table 2.2-1
Summary of Phase I Waste Segregation and Staging Processes

Waste Stream	Segregation and Staging Process
Soils from MDA P	Staged in 100 yd^3 piles. Soils segregated by barium greater than PRG, barium less than PRG, and elevated DU.
Decontamination wastewater from MDA P	Staged in 20,000-gal. tanks.
Debris from MDA P	Staged in 100 yd^3 lots.
Asbestos-containing material (ACM) from MDA P	Packaged for disposal as asbestos waste.
Other MDA P wastes	Containerized and segregated by known contents and unknown contents.
Building debris from Flash Pad 387	Given radiological survey, size reduced (if possible), decontaminated, and staged in piles.
Soils from Flash Pad 387	Staged in 100 yd^3 piles.
Waste lines from Flash Pad 387	Covered with plastic and staged on site.
Wastes from SWMU 16-016(c)-99	Soil staged in 100 yd^3 piles. Debris staged on site.
Stormwater	Staged in 10,000-gal. tanks.
Hazardous waste generated during closure	Containerized and staged in satellite accumulation areas or less-than-90-day accumulation areas.

2.2.6.2 Waste Characterization

Waste characterization included sampling, analysis, data review, and waste determination. A sampling team from the Laboratory's Solid Waste Regulatory Compliance (SWRC) group (formerly ESH-19) and EES-15 tracked, sampled, and reviewed analytical results for all materials excavated from the MDA P Site, in accordance with procedures for sampling specified in the approved MDA P and Flash Pad 387 closure plans (LANL 1995, 58713; LANL 1999, 63547) and the consolidated SWMU 16-016(c)-99 VCA plan (LANL 1999, 63546).

Waste determinations were made by the Waste Management Coordinator (WMC) assigned by the ER Project. The WMC reviewed the analytical results and other information available for each waste stream and determined the proper pathways for disposal. The WMC was responsible for compiling and submitting a WPF to the Laboratory's Facility Waste Operations (FWO) group at TA-54. The WPF included a description of the waste and all pertinent characterization information, including analytical data. FWO reviewed and approved the WPF package and assigned a unique number to each waste stream.

Once the WPF was approved, the WMC compiled and submitted a Chemical Waste Disposal Request (CWDR) to FWO for assignment of container and manifest tracking numbers. All containers received a unique container number. Once the container and manifest tracking numbers were obtained from FWO, shipping documents were compiled and the transportation and disposal scheduled.

Wastes generated during the Phase I activities included large amounts of soil and debris, moderate volumes of storm and decontamination water, and small amounts of radioactive and mixed wastes, HE, barium nitrate, containers with unknown contents, ACM, personal protective equipment (PPE), and acetone. The waste characterization processes applied to each major waste stream are summarized in Table 2.2-2. Characterization activities are described in the Phase I report (LANL 2003, 76054).

Table 2.2-2
Summary of Phase I Waste Characterization Processes

Waste Stream	Characterization Process
Soils from MDA P	One composite sample was collected per 100 yd^3 pile. All samples were analyzed for TCLP metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), HE, radionuclides, and asbestos. A subset of samples was analyzed for reactive cyanide, reactive sulfide, organochlorine pesticides, polychlorinated biphenyls (PCBs), dioxins/furans, chlorinated herbicides, and pH.
Debris from MDA P – concrete	Debris was visually inspected after decontamination to verify that the alternative treatment standard for hazardous debris in 20.4.1.800 NMAC (40 CFR 268.45) was met.
Debris from MDA P – metal	Debris was tested for HE using spot tests and for radioactivity using screening/swipes.
Other MDA P wastes – containers with unknown contents	HAZCAT analysis was used to determine waste category.
Ash from HE burning, flashing	Containers were sampled and analyzed for TCLP metals.
ACM from MDA P	Waste was inspected by Asbestos Hazardous Emergency Response Act (AHERA)-certified inspector and given radiological survey.
Decontamination wastewater, stormwater	Samples collected from staging tank and analyzed for TCLP metals, VOCs, SVOCs, cyanide, HE, radionuclides, nitrates, sulfates, total dissolved solids, polynuclear aromatic hydrocarbons (PAHs), asbestos, organochlorine pesticides, PCBs, dioxins/furans, chlorinated herbicides, and pH.
PPE	Characterized using results of analyses of associated soil and debris samples.
Acetone from HE spot tests	Characterized by process knowledge.
Building debris from 387	Debris was tested for HE using spot tests and for radioactivity using screening/swipes.
Soil from 387	One composite sample per pile. All samples analyzed for TCLP metals, VOCs, SVOCs, HE, radionuclides, reactive cyanide, reactive sulfide, organochlorine pesticides, PCBs, dioxins/furans, chlorinated herbicides, and pH.

Table 2.2-2 (continued)

Waste Stream	Characterization Process
Waste lines from 387	Debris was tested for HE using spot tests and for radioactivity using screening/swipes.
Wastes from 16-016(c)-99	One composite sample per pile. All samples analyzed for TCLP metals, VOCs, SVOCs, HE, radionuclides, asbestos. Subset analyzed for reactive cyanide, reactive sulfide, organochlorine pesticides, PCBs, dioxins/furans, chlorinated herbicides, and pH.

2.2.6.3. Waste Disposition

Wastes streams generated during the MDA P Site Phase I activities were assigned one or more WPF numbers, and each container assigned one or more tracking numbers. Only natural rock was not considered a waste and did not receive a WPF number. Each WPF includes a description of the waste and all pertinent characterization information, including analytical data. Upon approval of a WPF, the WMC compiled and submitted a CWDR to the Laboratory's FWO for assignment of container and manifest tracking numbers. All containers received a unique container number. Shipping documents were compiled and the transportation and disposal scheduled upon receipt of the container and manifest tracking numbers from FWO. Table 2.2.3 summarizes the disposition of waste types generated during Phase I activities. More detailed information on the final disposition of each waste type, including disposal documentation records for all waste streams, is provided in the Phase I report (LANL 2003, 76054).

Table 2.2-3
Summary of Phase I Waste Disposition

Waste Type	Waste Disposition
Hazardous Wastes	
Soils	Shipped to off-site permitted TSD facility.
HE and related materials	Treated at on-site permitted treatment unit. Treatment residuals shipped to off-site permitted TSD facility.
Barium nitrate	Shipped to off-site permitted TSD facility.
Acetone	Transported to off-site permitted TSD facility.
Industrial Wastes	
Soils	Shipped to off-site permitted receiving facility.
Debris – metal (prior to June 2000)	Shipped to off-site recycling facility.
Debris – metal (after June 2000)	Shipped to off-site permitted receiving facility.
Debris – concrete	Shipped to off-site recycling facility or off-site permitted receiving facility.
Wastewater	
Decontamination water – non-HE-contaminated	Filtered to remove asbestos fibers. Applied on site for dust control.
Decontamination water – HE-contaminated	Filtered to remove asbestos fibers. Sent to on-site permitted wastewater treatment facility.
Stormwater	Filtered to remove asbestos fibers. Applied on site for dust control.

Table 2.2-3 (continued)

Waste Type	Waste Disposition
Radioactive wastes	Transported to on-site disposal facility.
Personal protective equipment	Disposed of with associated materials.
Miscellaneous waste	Transported to on-site waste management facility.

2.2.7 Demobilization and Site Stabilization

Demobilization activities included the removal of the staging area pads and the segregation pad constructed for the materials management. The liner on the segregation pad was removed and the soil beneath the liner was surveyed for barium. No breaks in the liner were observed and no contamination was found. Because the entire pad had been constructed from imported fill, the pad was removed and the soils transported to the 90s Line and staged for potential re-use during site reclamation. These soils were bermed and treated with a surfactant to control erosion and re-suspension. All other soil staging pads were excavated and the soils were disposed of.

Upon completion of the excavation operations, the project area was stabilized for erosion and sediment control. The southern area of the site had a relatively thick veneer (1 to 2 m) of soil and fill materials. Some of these residual unconsolidated deposits were left in place and the slopes regraded to reduce erosion. Slopes on the western, eastern, and southern parts of the project area were re-seeded with a seed mixture containing fast-germinating grasses and annuals for longer-term stabilization. Steep slopes on the margins of the east drainage were seeded and covered with a coconut-straw matting provided by the RRES Water Quality and Hydrology group (RRES-WQH, formerly ESH-18). Boulders and rocks that had been staged during the Phase I excavation and removal activities were used for riprap in areas requiring slope and sediment control. Along the western and eastern margins of MDA P, the drainages were lined with boulders. The lower part of the western drainage was lined with riprap for managing water from the adjacent watershed that impinged on the footprint of MDA P and made the West Access Road vulnerable to erosion. Along the middle and lower reaches of the east drainage, riprap was installed to collect sediment from the unconsolidated deposits near the former decontamination pad. The east runoff trench was left, unlined, to also collect sediment from this area. The remnant of the former run-on trench just north of former Flash Pad 387 was left to collect stormwater runoff and to distribute this to the lower east drainage. The Phase I report provides additional details on site conditions at the conclusion of the Phase I excavation and stabilization activities (LANL 2003, 76054).

2.2.8 Site Restoration

2.2.8.1 Current Status

Some interim stabilization and revegetation of the site was performed when field activities were completed in the spring of 2002. This occurred primarily along the interface with undisturbed areas on the eastern, southern and western boundaries of the site. Extensive contouring was also accomplished in the east drainage excavation. Matting, in conjunction with straw wattles and bales, was used to stabilize soil in these areas. These areas were then planted using a grass seed mixture recommended by the U. S. Forest Service (and used to reclaim areas damaged by the Cerro Grande Fire).

A riprap-armored trench was constructed along the western edge of the site to divert run-on from the adjacent hillside that had been burned off during the Cerro Grande Fire. Existing run-on trenches along

the eastern edge of the site are still in place, although the liners were removed as part of the final site clean up. Straw bales and wattles control erosion in areas that have not yet been reclaimed. These areas are managed per the MDA P and S-Site Storm Water Pollution Prevention Plans.

2.2.8.2 Planned Restoration

The planned site restoration may include the addition of clean backfill and topsoil on the relatively flat (<30% slope) area of exposed bedrock that was previously beneath the east and west lobes of MDA P. Approximately 5000 yd^3 of backfill has been staged for this purpose. After contouring, the soil will be stabilized using matting and the area will be planted with the grass seed mixture described above. Gamble oak, New Mexico locust, and other native shrubs and forbs have already begun to establish themselves here.

The northern portion of the site is too steep to reclaim and will be left as is. This area will resemble the adjoining cliff faces, and the corresponding elevations across the Cañon de Valle stream channel.

The MDA P Site is in a buffer zone for the Mexican spotted owl. Fieldwork cannot begin in this location until a nesting survey for this species has been completed. Site restoration will be completed, depending upon funding sources.

2.3 Phase II Focused Investigations

2.3.1 Introduction

The Phase II activities conducted at the MDA P Site had three major components: exploratory drilling to investigate the subsurface geophysical and geochemical regime of the bedrock; fracture survey and mapping to define the characteristics of the bedrock fractures at the site; and the final confirmation sampling and analysis. The drilling, geophysical, geochemical and fracture surveys were described in the Phase II closure investigation report (LANL 2003, 77423). The final confirmation sampling is described in section 2.4.

2.3.2 Exploratory Drilling

A total of six exploratory boreholes were drilled at the MDA P Site in August 2001. The objectives of the drilling were to provide:

- Continuous core for sample material to investigate the potential for residual contamination in the bedrock;
- Continuous core for lithologic and fracture descriptions of the bedrock beneath the MDA P Site;
- Open boreholes for geophysical measurements; and
- Open boreholes to measure potential water levels.

The original commitment was to drill four boreholes to approximately 30 ft in grid cells that were determined to have the highest potential for residual contamination at depth. Subsequent discussions with Laboratory and NMED personnel (LANL 2001, 70272) identified two boreholes to be drilled to a target depth of 10 ft below the level of the Cañon de Valle stream in locations where local drainage may have concentrated contaminants (grid cells 526 and 557). An error in the elevational survey, however, resulted in those two boreholes not reaching the target depth. Rather, the final depths of Boreholes 526 and 557 were approximately 60 and 70 ft, respectively, approximately the level of the Cañon de Valle

stream elevation. The other two boreholes were drilled in grid cells 516 and 554 to approximate depths of 32 and 96 ft, respectively. Although Boreholes 526 and 557 did not reach their target depths, the four boreholes as a group met the objectives of defining the vertical extent of residual contamination.

Boreholes 516 and 554 were drilled in the western portion of the MDA P Site footprint upon discovery of increased fracture density in that area, and served to characterize both the extent of contamination at depth and to investigate typical bedrock fracturing of the MDA P Site. Specifically, Borehole 516 was drilled to examine the potential for successful coring within the fracture zone and Borehole 554 was located adjacent to a potential fault of the fractured zone.

Two additional boreholes were placed to investigate the bedrock fracture regime outside of the MDA P footprint. These boreholes, located in grid cells 257 and 273, were drilled to approximately 159 and 146 ft below the surface, respectively. The two locations were chosen to represent areas with the lowest potential for residual contamination at depth, to provide further evidence of whether there was contamination at depth below the MDA P Site.

All boreholes were dry, with no water observed during or after drilling. All were abandoned in October 2001 by filling with grout.

2.3.3 Geophysical Logging

Borehole geophysical information was collected to provide measurements of the physical properties of the rocks and the fluids within them. Interpretation of geophysical data can be used to identify characteristics of flow in fractured bedrock, including alteration of the rocks as a result of those flows. At the MDA P Site, the objectives of the geophysical investigation were to identify characteristics of the fracture flow system, including specific zones of moisture and magnitude of flow associated with fractures and rubble zones observed in cores. Table 2.3-1 lists the geochemical analyses and the geophysical logging that were performed for each borehole. The results are discussed in this section. The Phase II closure investigation report (LANL 2003, 77423) provided the complete record of drilling and investigation methods and results, field boring logs lithologic field logs, and summary plots of borehole geophysics.

Table 2.3-1
Summary of Geophysical Logging and Geochemical Analysis Performed for Each MDA P Site Borehole

	Borehole No. 257	Borehole No. 273	Borehole No. 516[a]	Borehole No. 526	Borehole No. 554	Borehole No. 557
Final depth of borehole (ft)[b]	**158.7**	**145.8**	**32.0**	**59.4**	**96.5**	**69.5**
Geophysical Log Type						
Natural gamma	x	X	—[c]	x	x	x
Caliper	x	X	—	x	x	x
Electromagnetic conductivity	x	X	—	x	x	x
Neutron	x	X	—	x	—	x
Heat pulse flowmeter	x	X	—	x	x	—

Table 2.3-1 (continued)

	Borehole No. 257	Borehole No. 273	Borehole No. 516[a]	Borehole No. 526	Borehole No. 554	Borehole No. 557
Final depth of borehole (ft)[b]	**158.7**	**145.8**	**32.0**	**59.4**	**96.5**	**69.5**
Optical televiewer	x	X	—	x	x	x
Geochemical Analysis						
Anions[d]	—	X	—	x	x	—
Cations[e]	—	X	—	x	x	—

[a] Borehole 516 was drilled to investigate the viability of drilling in a fracture zone; no geophysical logging or geochemical analyses were performed in this borehole.

[b] Final depth reflects depth of borehole which remained open for geophysical logging.

[c] — = Analysis not performed.

[d] Anion suite includes bromide, chloride, fluoride, nitrate, nitrite, oxalate, phosphate, and sulfate.

[e] Cation suite includes barium, calcium, magnesium, potassium, and sodium.

Geochemistry analytical data were used to investigate whether borehole geochemistry (in particular, the presence of anions and cations) could be used to help interpret the geophysical results.

2.3.3.1 Borehole Geochemistry

Samples were collected from Boreholes 273, 526, and 554 and analyzed for cations (sodium, magnesium, potassium, calcium, and barium) and anions (bromide, oxalate, chloride, fluoride, nitrite, nitrate, phosphate, and sulfate) to investigate whether variations in the observed EM conductivity could be attributed to concentrations of ions through weathering or depositional processes. With the exception of barium in Borehole 526, all cation concentrations had similar patterns with depth.

Because barium and nitrate are potential vadose zone contaminants at the MDA P Site, an additional investigation was conducted to estimate the potential impact of barium and nitrate in the MDA P subsurface. Barium nitrate ($Ba[NO_3]_2$) is highly soluble, thus any significant flow of liquid water will dissociate the barium and nitrate, and the percolating water will cause relocation of the barium and nitrate to deeper parts of the vadose zone. When barium nitrate dissolves, the barium species in solution is dominantly Ba^{+2}, which tends to adsorb or form precipitates such as barium carbonate or barium sulfate (LANL 1998, 59730). Conversely, the two nitrate molecules released when barium nitrate dissolves are highly mobile anions (NO_3-). The barium profiles for Boreholes 273 and 526 show little indication of deep transport of barium. Nearly all values are less than 1 mg/kg and these values are likely controlled by the concentrations of naturally occurring barium in the tuff. The 0.3-ft sample from Borehole 526 did have a concentration that indicated some barium contamination. However, barium concentrations decreased below 2 ft to levels below tuff background, indicating minimal downward transport. Figure 2.3-2 shows the barium concentrations, with depth for all confirmation samples; sitewide concentrations below approximately 4 ft are near or below tuff background concentrations (LANL 1998, 59730).

2.3.4 Fracture Survey and Mapping

The objectives of the fracture characterization were to define the vertical and lateral variations in the frequency and distribution of fractures as they affect the potential to transmit water in the bedrock. The fractures were investigated by surface mapping, investigation of borehole cores, and in situ observations of fractures within the boreholes (LANL 2003, 77423).

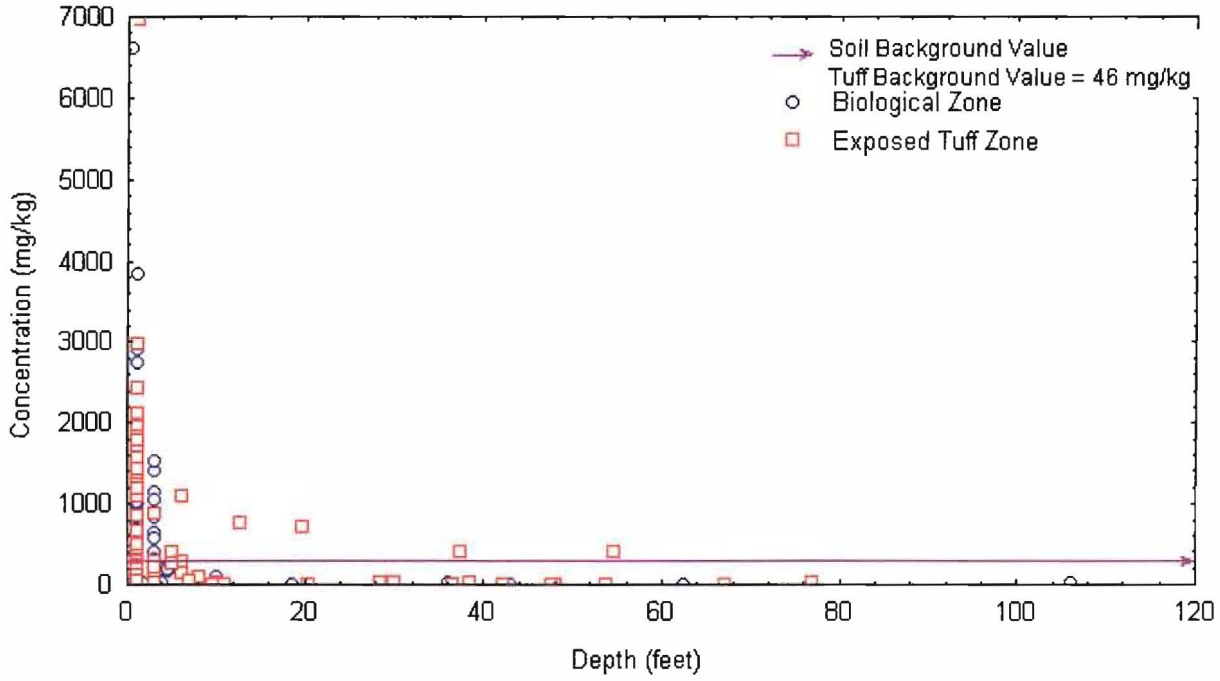


Figure 2.3-2. Barium concentrations with depth, as measured in the MDA P Site confirmation samples

2.3.5 Geologic Mapping

A geologic map of the excavated areas associated with the MDA P closure was compiled in July 2001 after the majority of contamination excavation was complete. For the MDA P closure and adjacent areas, five general mapping units were established, including bedrock, unconsolidated deposits, undisturbed deposits, alluvial, and post-excavation units emplaced for erosion control. The excavations of MDA P, Flash Pad 387, and SWMU 16-016(c)-99, as well as areas locally used for decontamination and materials staging, resulted in exposure of bedrock Units 3, 3T and 4l of the Tshirege Member of the Bandelier Tuff, from bottom to top, respectively. Unconsolidated units consisting of soils, alluvial and colluvial sediments, and gravels or fill materials used during the Phase I waste removal or placed afterward for erosion stabilization were present locally (LANL 2003, 77423).

2.3.5.1 Surface Fracture Characterization

Fracture mapping was conducted in August 2001. Eight traverse lines were established along the MDA P Site grid center markers. The statistical analysis of the preferred directions, apertures, and fracture densities indicated that the fracture set, as a whole, had a statistically significant north-northwest preferred orientation of N15 W26. Fracture dip angles varied from sub-horizontal to steep. Fracture density and aperture size increased across the MDA P Site from east to west. Fracture density was greater in the welded to poorly welded Tshirege Units 3 and 3T than in the nonwelded Tshirege Unit 4l, and ranged from 20 to 40 fractures per 100 ft. Fracture apertures in Tshirege Units 3 and 3T were as wide as 11 cm on the west side of the MDA P Site. In nonwelded Tshirege Unit 4l, apertures were generally 1 to 2 mm wide, though widths of approximately 50 mm were observed locally. Although no major faults were associated with the fracture zone on the west side, a small graben on the north side of Cañon de Valle appears to align with the zone of high aperture width and high fracture density. The spatial association of a series of small faults and elevated fracture density and fractures of large aperture

appear to indicate that a zone of diffuse structural deformation was present in the western part of MDA P that was attributed to deep-seated normal faulting (LANL 2003, 77423).

2.3.5.2 Fracture Characterization of Borehole Cores

The six boreholes provided cores for the recording of fracture occurrence with depth. Cores were examined using hand-specimen investigation methods for the presence and nature of natural fractures: frequency, dip, length, rubble zones, staining, and fracture-filling materials. Natural fractures and rubble zones were observed in all borehole cores. These were commonly associated with welded units, although both were present in the partially welded Unit 4l and the upper, partially welded portion of Unit 3. Many fractures were high-angle, but subhorizontal fractures were commonplace in the upper portions of boreholes, attributed to weathering and unloading. Fracture coatings were also observed and consisted of clays and black manganese oxides. Bright colors of the clays indicated that they were translocated from the surface. Clays tended to be darker, thicker, and more common towards the west of the MDA P Site than in the east. The apparent increase in clay thickness in the fracture zone on the west was attributable to the transport of suspended or colloidal clay particles, whereas the smaller fractures apertures to the east would inhibit such transport (LANL 2003, 77423).

2.3.5.3 Discussions of Geophysical and Geochemical Results

Correlations of the lithological observations, fracture characteristics, geophysical logs, and geochemical profile data were summarized in the Phase II closure investigation report (LANL 2003, 77423). The results are discussed here as they directly relate to the demonstration of clean closure for MDA P and Flash Pad 387 and the groundwater assessment for MDA P (section 3). The discussions that follow provide the summary interpretations for three distinct regimes within the MDA P Site based on topography and fracture-related characteristics: the eastern regime, as characterized by Borehole 526; the western regime, as characterized by Borehole 554; and the regime beneath the Flash Pad 387 at the watershed divide, characterized by Borehole 273.

2.3.5.3.1 Eastern Regime—Data Summary and Discussion

Borehole 526 represents the characteristics of the fracture regime beneath the eastern portion of the MDA P Site. Figure 2.3-3 shows the combined geophysical and geochemical results for Borehole 526. Borehole 526 was drilled to a depth of 59.4 ft (approximately the level of the Cañon de Valle stream elevation) from a beginning surface elevation of 7420 ft above msl. The borehole was dry during and after drilling. The lithologic data indicate that the underlying bedrock consists of a few feet of nonwelded Unit 4l, 10 ft of welded Unit 3T, and 40 ft of the partially welded Unit 3 that grades to approximately 8 ft of the welded portion. Fractures were observed throughout the core, but the fractures within a zone 40 to 45 ft below surface were correlated with the largest contributions to induced water flow.

Induced water flows were measured in Borehole 526 using an instrument designed by the US Geological Survey for low flows in fractured rock. The flow rates were measured by filling and maintaining a constant water level in the selected borehole. The flow-meter data also indicated that fractures between the surface and 24 ft below surface contributed little to water flow within the borehole. The last measurement of induced water flow at 55-ft depth was 0.03 gal. per minute (gpm), near the lower limit of the instrument. At depths of 36- to 52-ft bgs, a strong correlation exists among high EM conductivity, maximum caliper radius, and maximum concentrations of anions and sodium cations (LANL 2003, 77423).

These data indicated that an accumulation zone of soluble salts exists within the partially welded Unit 3 at 36 to 52 ft bgs, the bottom of which lies approximately 20 ft above the active stream channel. The high

EM conductivity measurements were attributed to the presence of high ionic-strength solutions within the rock matrix. Local areas of moisture paucity were represented by peaks of low EM conductivity superimposed on the broader high. Salts appeared to have penetrated the Unit 3 rock matrix and affected some weathering, as indicated by the caliper data. The EM conductivity lows were attributed to evaporation and local dry conditions. Thus, it was observed that salts may occur as aqueous solutions or precipitate minerals, depending on the actual moisture regime of the subsurface.

Smaller fractures, microfractures, and rock pores are known retention zones of residual moisture due to surface tension. Thus, the larger fractures appeared to serve as conduits of air flow, not of water flow, enhancing evaporation and the formation of precipitates. It is likely that the evaporation was facilitated by the interconnection of the subsurface fractures with those exposed at outcrops along the south wall of Cañon de Valle.

The salt accumulation zone was interpreted to be the result of the evaporation of percolated surface water that carried dissolved salts of nitrates and chlorides, the result of thousands of years of interaction of the fractured rock with the local climate. Thus, the subsurface of the eastern regime contains historic signatures (both geochemical and geophysical) of drying conditions, not of significant subsurface water flow.

2.3.5.3.2 Western Regime—Data Summary and Discussion

Borehole 554 represents the characteristics of the fracture regime beneath the western portion of the MDA P Site. Figure 2.3-4 shows the combined geophysical and geochemical results for Borehole 554. Borehole 554 was drilled to 96.5 ft below surface (approximately 36 ft below the level of the Cañon de Valle stream elevation) from a beginning elevation of 7422 ft above msl. The borehole was dry during and after drilling. The stratigraphic data indicate that the underlying bedrock consists of a few feet of nonwelded Unit 4l, 14 ft of welded Unit 3T, 34 ft of the partially welded Unit 3, and approximately 32 ft of welded Unit 3. Unit 4l thickens southward from Borehole 554 due to topography. In outcrop, Units 3 and 3T are locally intensely fractured and brecciated, with observed fracture apertures of 20 to 30 cm. Clay accumulations were common and typically 1 to 4 mm thick. Manganese oxides were scarce, although a thick accumulation occured intergrown with the foliated clays in the high-angle fracture at 76 ft below surface.

The flow-meter data indicated that fractures above 35 ft below surface contribute little to water flow within the borehole and fractures within the zone 35 to 38 ft below surface were the largest contributors to induced water flow. This lower zone correlated strongly with high EM conductivity, maximum caliper radius, and maximum concentrations of anions. The high EM conductivity zone extended to a maximum depth of 50 ft where there was an increase in welding of Unit 3 and minimal caliper, anion, and water flow measurements. The last induced water flow measurement at 55 ft bgs indicated a flow rate of 0.20 gpm, an order of magnitude higher than the bottom of Borehole 526.

There was a general agreement in the results of the borehole geophysics results between the west and east regimes of the MDA P Site. The data from Borehole 554 indicate that an accumulation zone of soluble salts exists within the partially welded Unit 3 at 35 to 49 ft below surface, the bottom of which lies approximately 20 ft above the active stream channel. Fracture zones, rubble zones, and/or lost recovery zones are associated with the extent of the accumulation zone, as with Borehole 526. Apparent in Borehole 554 are minor EM conductivity peaks in addition to the primary peak of EM conductivity within the zone at 35 to 49 ft bgs. Shallow anomalies were observed at 21 and 25 ft below surface and a deeper anomaly from 78 to 90 ft below surface. The shallow anomalies do not appear to be associated with

observed fractures or high concentrations of anions. In contrast, the anomaly at 35 to 49 ft bgs was associated with both fractures and high anion concentrations.

The similarities of the soluble salt accumulation zones (particularly the extent and degree of accumulations at approximately 35 to 50 ft below surface) beneath the east and west regimes of the MDA P Site indicate that similar processes have been active over some period of geologic time. The fracture zone on the west side was observed to have greater fracture density and apertures, and thicker, more extensive clay accumulations, all of which indicated a greater ability to transmit water and sediment. These data indicated that the limiting factor is climate and annual precipitation, not the relative ability to transmit water, as indicated by the flow-meter data. Hence, the subsurface of the western regime of the MDA P Site contained historic signatures of drying conditions, not of significant subsurface water flow.

2.3.5.3.3 Flash Pad 387—Data Summary and Discussion

Borehole 273 represents the characteristics of the fracture regime beneath the Flash Pad 387 at the watershed divide. Figure 2.3-5 shows the combined geophysical and geochemical results for Borehole 273. Borehole 273 was drilled to 145.8 ft below surface (approximately 80 ft below the level of the Cañon de Valle stream elevation) from a beginning elevation of 7453 ft above msl. The borehole was dry during and after drilling. The stratigraphic data indicate that the underlying bedrock consists of 42 ft of nonwelded Unit 4l, approximately 9 ft of the densely welded Unit 3T, approximately 34 ft of poorly welded Unit 3, and approximately 35 ft of welded Unit 3 that grades to nonwelded Unit 3 with depth. Flow-meter measurements were not collected because of the influence of high flow rates at 125 ft below surface that exceeded the instrument capabilities. High EM conductivity was measured in two zones: 35 to 45 ft below surface and 65 to 90 ft below surface. In contrast to Boreholes 526 and 554, high zones of EM conductivity did not appear to correlate with caliper logs in the shallow zone, but did correlate with the deeper area of high EM conductivity at 55 to 85 ft below surface. The shallower zone of high EM conductivity in Borehole 273 was located across the welded contact of Units 4l and 3T, which was both overlain and underlain by fracture zones. The deeper zone of high EM conductivity, at depths of 62 and 80 ft bgs, occurred in the partially welded Unit 3, and correlated with the peak concentrations of sodium and chloride.

Borehole 273 data indicated that a broad zone of soluble salt accumulation was present from approximately 35 to 90 ft below surface within the partially welded Unit 3. The upper portion of the zone had a small increase in nitrate concentrations, but much of the zone exhibited high chloride and sodium concentrations. Local low values of chloride and sodium at 61 and 74 ft below surface were correlated with either a fracture zone or lost core, respectively, similar to results in Boreholes 526 and 554 at 45 ft below surface. As found with the other boreholes, the bottom of the accumulation zone was marked by the presence of welded tuff that indicated that the partially welded tuff matrix was acting as an absorbent medium. As with the other boreholes in the MDA P Site, the subsurface conditions beneath Flash Pad 387 contained historic signatures of drying conditions, not of significant subsurface water flow. Hence, the influence of the interconnection of fractures with the walls of Cañon de Valle appeared to extend to the watershed divide.

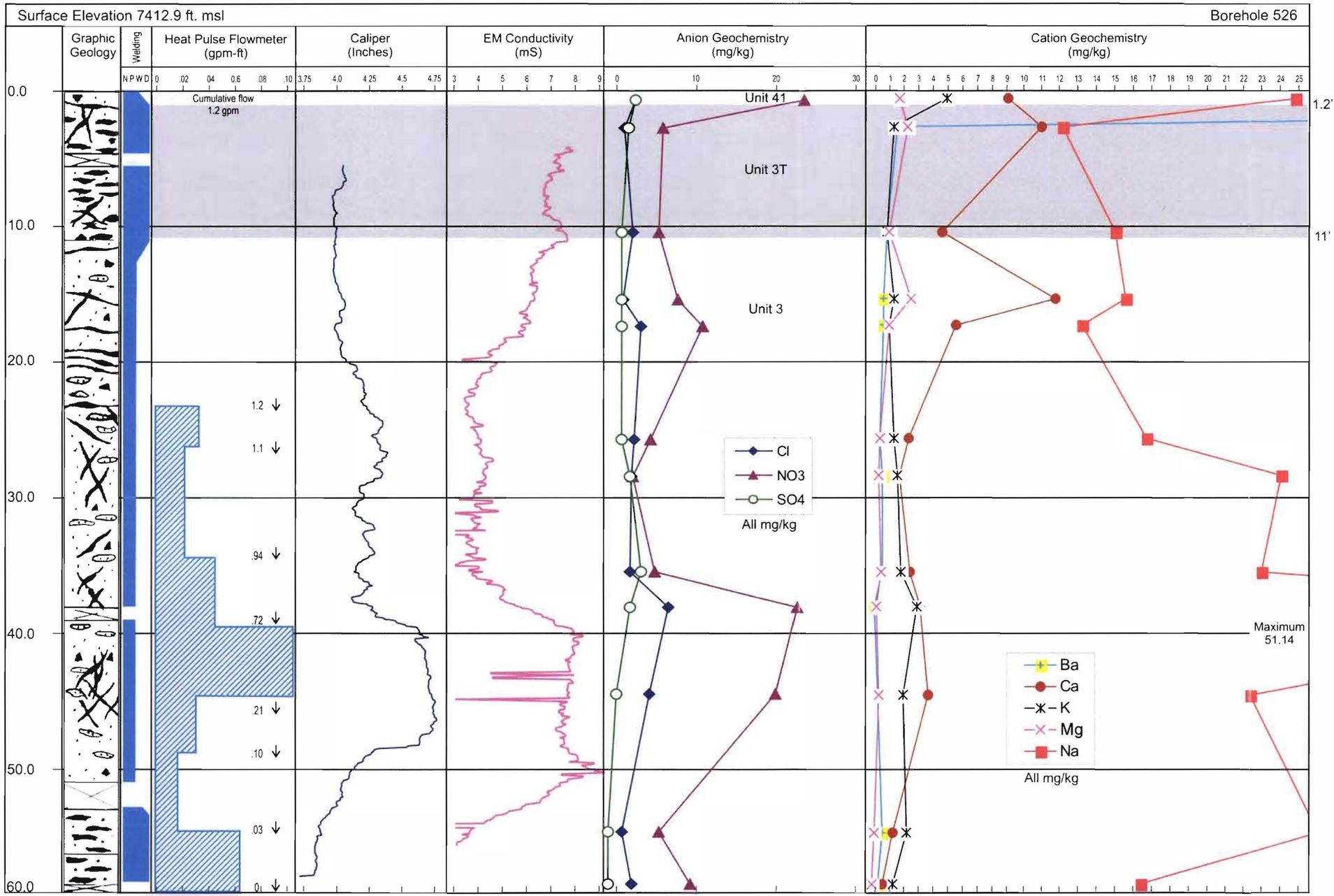


Figure 2.3-3. Empirical correlation diagram for Borehole 526, east side of the MDA P footprint

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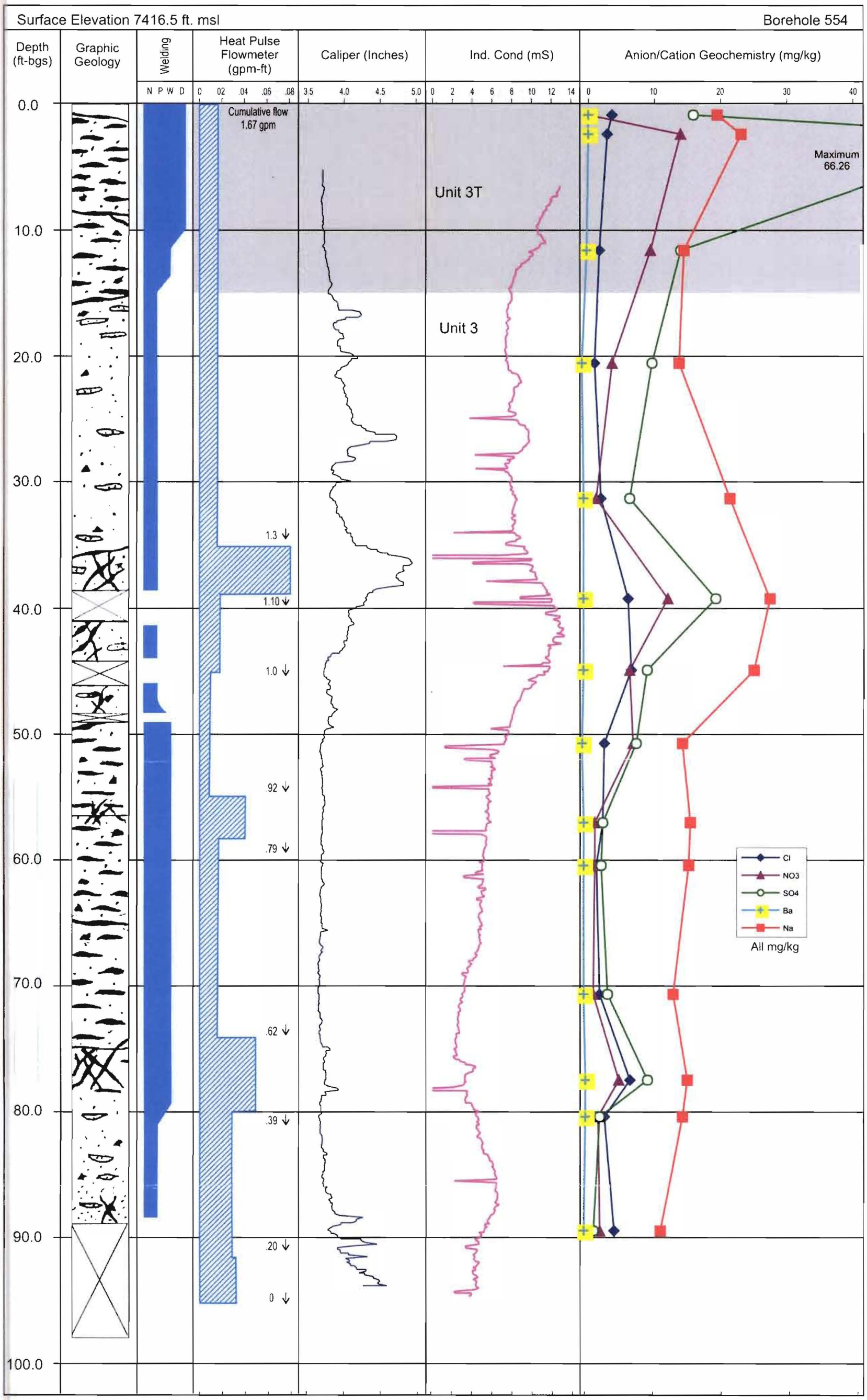

Figure 2.3-4. Empirical correlation diagram for Borehole 554, west side of the MDA P footprint

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2.4 Confirmation Sampling

Confirmation sampling within the MDA P Site was performed to confirm whether PRGs were met and to provide a basis for determining the potential risk to human and ecological receptors due to residual contamination remaining in the soil and tuff after the completion of the Phase I excavation and removal activities. Additional sampling included borehole sampling for the purposes of evaluating (1) the historical transport of contaminants through the bedrock underlying the MDA P Site, as determined by the sampling of cores for the same analytical suites as sampled in the surface soil and tuff and the sampling of borehole vapors; and (2) the potential for future transport through the vadose zone to groundwater, as determined by the focused geochemical and geophysical analysis of the boreholes, including the sampling for ionic species.

This section details the methods used for sample collection, the rationale for selecting confirmation sample locations, and the analytical suites sampled for in the confirmation samples. Data QA/QC measures, as relevant to the determination of data adequacy and data accuracy, are provided in Appendix B. The Phase II sampling and analyses, including the sampling of the boreholes, were detailed in the May 2002 NMED-approved closure plan modification (see Table 4-2 in LANL 2002, 73159) and are summarized in section 2.4.2.1. There are differences between the sampling indicated in Table 4-2 of the May 2002 modification and the final sampling as of January 2003. These differences represent slight discrepancies in Table 4-2 (less than 6% of the total samples collected for any given analyte group) and changes in sampling due to the additional excavation performed in September 2001, which were not captured in Table 4-2 of the May 2002 modification. Twelve samples were removed from the Phase II sample database because the locations from which these samples were taken were later excavated. Variances related to the Phase II confirmation sampling are summarized in section 2.4.4 and Appendix D.

2.4.1 Sample Collection Methods

Samples were collected in accordance with the SAP (LANL 1999, 63546). Approved ER Project SOPs were used for the locating of samples, sample collection, health and safety screening, sample shipping and storage, and maintenance of field records. These SOPs are listed in Table 2.4-1.

Table 2.4-1
Laboratory ER SOPs Used in the MDA P Site Phase I and Phase II Sampling

SOP Identifier	Title/Description
1.01	General Instructions for Field Investigations
1.02	Sample Container and Preservation
1.03	Handling, Packaging and shipping of Samples
1.04	Sample Control and Field Documentation
1.05 R1	Field Quality Control Samples
1.06 R2	Management of Environmental Restoration Project Wastes
1.07 R1	Operational Guidelines for Taking Soil and Water Samples in Explosives Areas
1.08	Field Decontamination of Drilling and Sampling Equipment
1.10 R1	Waste Characterization
1.12 R0	Field Site Closeout Checklist

Table 2.4-1 (continued)

SOP Identifier	Title/Description
2.01 R0	Surface Water Site Assessments
3.01	Land Surveying Procedures
6.03	Sampling for Volatile Organics
6.09	Spade and Scoop Method for Collection of Soil Samples
6.10	Hand Auger and Thin-Wall Tube Sampler
6.13 R2	Surface Water Sampling
6.15 R1	Coliwasa Samples for Liquids and Slurries
6.19 R1	Weighted Bottle Samples for Liquids and Slurries in Tanks
6.24	Sample Collection from Split-Spoon Samplers and Shelby Tube Samplers
6.26	Core Barrel Sampling for Subsurface Earth Materials
6.28 R1	Chip Sampling of Porous Surfaces
6.29	Single-Stage Sampling for Surface Water Run-Off
4.01	Drilling Methods and Drill Site Management
4.04	General Borehole Logging
10.01 R1	Screening for PCBs in Soils
10.06	High Explosives Spot Test
10.08	Operation of the Field Portable XRF Instrument
10.10	Radiation Scoping Surveys
10.11	Soil Sample Field Screening to meet Radioactive Sample Shipping Requirements
12.02	Transportation, Receipt, and Admittance of Borehole Samples for the Sample Management Facility
15.15 R0	Sample Management Office Receiving and Shipping Analytical Samples

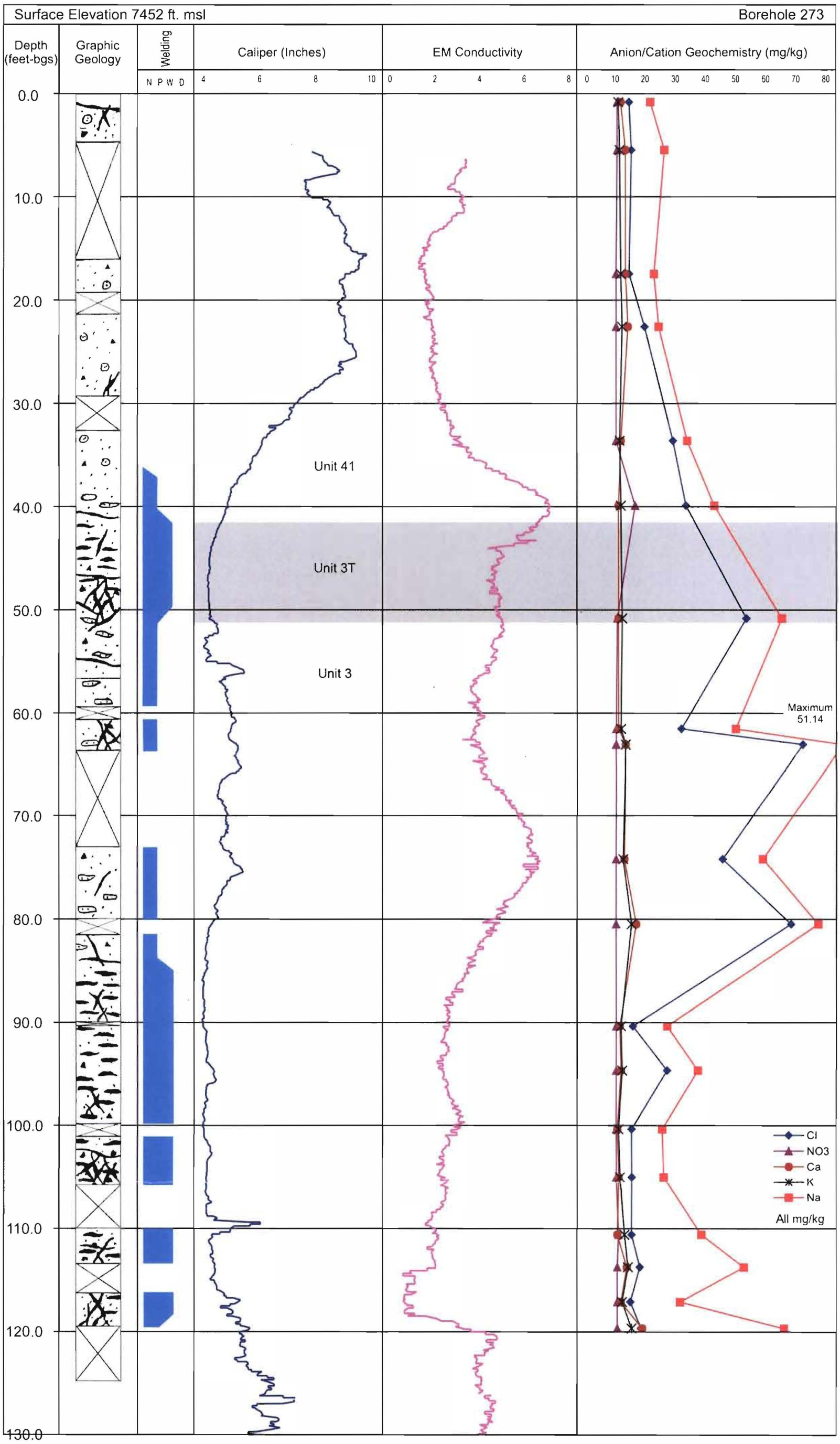

Figure 2.3-5. **Empirical correlation diagram for Borehole 273, 387 Flash Pad, at the watershed divide**

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2.4.2 Sample Locations and Depths

2.4.2.1 Confirmation Samples

Sampling was performed to provide sufficient data for the determination of clean closure. Discrete grab samples were collected from the center of grid cells that were based on a 30- x 30-ft grid system laid across the MDA P Site. Each grid cell was given a unique number, which was used to identify the confirmation sample locations. Confirmation samples were collected at surface (defined here as 0 to 1 ft), subsurface (defined here as 2 to 3 ft), and deep subsurface (defined here as >3 ft) depths. A total of 200 grid cells were sampled from depths of 0.5 to 78 ft. The grid used for sampling is shown on Figure 1.4-2. Phase II sample locations are shown on Plate 2.

Additional sample locations beyond the original commitment in the SAP (LANL 1999, 63546) were selected using the following, tiered approach:

- grid cells with post-excavation RDX field-screening results exceeding 16 mg/kg;
- grid cells with post-excavation barium field-screening results exceeding 2000 mg/kg; and
- low-lying areas determined to have an increased potential for sediment deposition or areas with obvious deposition present.

Worker health and safety concerns were associated with the sampling of locations with slopes that exceeded 30%. Some grid centers identified at locations with slopes in excess of 30% were offset to locations within the given grid cells to areas with acceptable slopes (<30%). However, if no acceptable slopes occurred within a given grid cell, the sampling location was offset to an unsampled grid cell in close proximity with appropriate slope conditions. For the majority of the pre-determined sample locations with slopes greater than 30%, acceptable slope conditions existed within the grid cells, such that sampling in a proximal grid was not required.

The grid locations of the samples identified for analysis of organic chemicals followed the selection protocol outlined in LANL (2000, 67481): grid cells for which Phase I analytical sample results exceeded either 0.3 of the appropriate ecological screening levels (ESLs) or 0.1 of the appropriate human health SALs were also sampled in Phase II.

The locations of the final Phase II confirmation samples, as shown on Plate 2, were based on the original commitments made in the SAP (LANL 1999, 63546) and presented in revised Figure 2.1 in the response to the RSI (LANL 2000, 67481); subsequent deviations to the sample locations were presented in a letter (LANL 2001, 70252) and were approved by the NMED on May 30, 2002. Because of the NMED's approval, changes to the sample locations indicated in the letter (LANL 2001, 70252) are not presented as deviations; rather, only sample location changes summarized in section 2.4.4 are considered deviations to the approved Phase II sample locations.

More than 300 unique location and depth combinations are included in the confirmation sample database because many of the 200 grid cells identified for confirmation sampling had samples collected from more than one depth.

Table 2.4-2 presents the analytical suites, total number of confirmation samples in the May 2002 modification (LANL 2002, 73159), and total number of confirmation samples collected after all waste removal and sampling activities were completed (January 2003).

Table 2.4-2
MDA P Site Phase II Confirmation Sample Summary:
Analytical Suites and Total Number of Samples in Soil and Tuff

Analyte Type	Total Samples Reported in May 2002 Closure Plan Modification[a]	Final Total Soil and Tuff Samples (as of January 2003)	Total Duplicates Reported in May 2002 Closure Plan Modification	Final Total Duplicates (as of January 2003)
TAL metals	311	290	34	29
Hexavalent chromium	311	290	34	29
Mercury	311	290	34	29
Perchlorate	60	61	10	9
Reactive cyanide	5	3	0	0
Reactive sulfide	5	7	0	0
Total Cyanide	5	0	0	0
Dioxins/Furans	5	7	0	0
Herbicides (chlorinated)	5	7	0	0
HE	313	291	34	29
PCBs	5	7	0	0
Pesticides (organochlorine)	5	7	0	0
SVOCs	313	276	34	29
VOCs	23[b]	12[c]	1	1
Gamma spectroscopy	5	7	0	0
Gross alpha/gross beta	5 c	0	0	0
Isotopic uranium	7	7	0	0
Asbestos	5	7	0	0
pH	5	7	0	0

[a] Total of confirmation samples used in risk analysis: soil and tuff samples and borehole core samples.

[b] Includes 10 borehole VOC vapor samples.

[c] Includes 7 borehole VOC vapor samples.

2.4.2.2 Borehole Samples

The investigation of residual contamination at depth was accomplished with the drilling of four boreholes in grid cells 516, 526, 554, and 557 as discussed previously in section 2.3.2. A fifth borehole located in grid cell 273 was drilled to 145.8 ft for the primary purpose of geologic logging; however, analytical data derived from the sampling of Borehole 273 were included in the risk analysis (0–5 ft only), along with the sample results from Boreholes 516, 526, 554, and 557.

The five boreholes were sampled for TAL metals, hexavalent chromium, mercury, perchlorate, HE, SVOCs, and VOCs as summarized in Table 2.4-3. Appendix B presents all of the confirmation sample

results including the borehole data, and Tables 3.2.1-5, 3.2.1-10, 3.2.3-2, and 3.2.3-4 in Appendix A present the detected concentrations of inorganic chemicals above background and the detected concentrations of organic chemicals in the biological zone and exposed tuff zone. The sampling results for Boreholes 516, 554, and 273 show that inorganic chemical concentrations are detected above the Laboratory-wide BVs (LANL 1998, 59730) at less than 3 ft bgs. Copper and selenium are detected slightly above the BVs in deeper samples (5.0 mg/kg for copper versus a BV of 4.6 mg/kg and 0.32 mg/kg to 0.38 mg/kg versus a BV of 0.3 mg/kg). No organic chemicals are detected below 1 ft bgs in Boreholes 516, 554, and 273.

Table 2.4-3
MDA P Site Phase II Borehole Sample Summary: Analytical Suites and Total Number of Samples

Analyte Type	Total Borehole Samples Reported in May 2002 Closure Plan Modification	Final Total Borehole Samples (as of January 2003)
TAL metals	12	38
Hexavalent chromium	12	38
Mercury	12	38
Perchlorate	8	16
HE	12	39
SVOCs	8	24
VOCs	10[a]	12[b]

[a] VOCs referred to in May 2002 closure plan modification were for VOCs as vapors only and included two QA/QC samples.

[b] Includes samples for VOCs collected from borehole cores (5) and VOCs as vapors (7).

Sampling results for Boreholes 526 and 557 report inorganic chemical concentrations above the BVs at depth for antimony, barium, beryllium, cobalt, copper, and selenium; perchlorate is detected in these boreholes but does not have a BV. However, only barium, copper, and selenium are detected above BVs at greater than 3 ft bgs; perchlorate is detected below 3 ft bgs. Antimony is not detected above BV but had detection limits greater than the BV. Organic chemicals are also detected in Boreholes 526 and 557 (4-amino-2,6-dinitrotoluene, 2-amino-4,6-dinitrotoluene, carbon disulfide, HMX, RDX, 1,3,5-trinitrobenzene, and 2,4,6-trinitrotoluene). Only 2-amino-4,6-dinitrotoluene, HMX, RDX, 1,3,5-trinitrobenzene, and 2,4,6-trinitrotoluene are detected below 3 ft bgs. Inorganic and organic chemical concentrations reported in the data tables in Appendixes A and B generally exhibit decreasing trends in concentration with depth in all boreholes; most concentrations are either below BV or undetected at total depth.

The results of the borehole VOC vapor sampling are included in this section, as additional information on potential contamination at depth. Eight borehole vapor samples from Boreholes 526, 554, and 557 were analyzed with SUMMA canisters for 62 VOC analytes. A minimum of two samples (plus one duplicate in Borehole 557) were collected from each borehole (as detailed in LANL 2001, 70252) (Table 2.4-4).

Table 2.4-4
VOC Vapor Samples in Boreholes, by Depth

Location ID[a]	Sample ID	Sample Depth (ft)
16-20526	0816-01-0268	26-28
16-20526	0816-01-0267	44-46
16-20554	0816-01-0283	37-39
16-20554[b]	0816-01-0277	76-78
16-20554[b]	0816-01-0284	76-78
16-20557	0816-01-0270	18-20
16-20557	0816-01-0269	54-56

[a] The final three digits identify the borehole.

[b] Borehole 554 was sampled on two dates at the 76- to 78-ft depth interval. These are considered unique samples, not duplicates.

Vapor sampling for VOCs was conducted on August 9 and October 10, 2001. Four types of QA samples were collected and analyzed, including duplicates: an equipment blank of zero grade air (zero grade air is a common term for air that is certified to be free from VOC contamination) or nitrogen drawn through the sampling apparatus in the working area; two field (atmospheric) blank samples; and a performance evaluation sample/calibration gas sample taken from a tank of a certified gas mixture. The SUMMA canister sampling was performed using EPA Method TO-14 (gas chromatography/mass spectrometry) (EPA 1999, 70063) and collected according to LANL-ER-SOP-6.31, "Sampling Atmospheric and Sub-Atmospheric Air Sampling," using a downhole straddle packer. Laboratory QA for EPA Method TO-14 includes internal standards, surrogates, replicates, blanks, laboratory control samples, and reference standards. Before the sampling was performed, each depth was purged and monitored with field instruments until carbon dioxide levels stabilized at values representative of subsurface pore-gas conditions. Soil vapor was collected from 2-ft intervals of the borehole isolated by two, six-ft pneumatic packers. Soil vapor was first purged from the isolated zone with a 19-mm mercury vacuum until carbon dioxide concentrations stabilized to ensure formation air was being screened. The SUMMA canister samples were then collected and submitted for VOC analysis.

Table 2.4-5 summarizes the VOC analytical data, including number of analyses, number of detections, maximum and minimum values. Of the 62 VOCs included in the analysis, 24 VOCs were detected. The detected VOC analytes are summarized in Table 2.4-6, by borehole and sample ID.

Table 2.4-5
Summary of VOC Vapor Sample Analytical Results

Analyte	Number of Analyses[a]	Number of Detects[a]	Concentration Range (ppbv[b,c])
Acetone	7	7	20-5200
Benzene	7	0	0.84-[18]
Benzyl chloride	7	0	[0.84]-[18]
Bromodichloromethane	7	0	[3.40]-[70]
Bromoform	7	0	[3.40]-[70]
Bromomethane	7	0	[0.84]-[18]
Butadiene[1,3-]	7	0	[3.40]-[70]
Butanol[1-]	7	0	[8.40]-[180]
Butanone[2-]	7	6	[3.40]-[110]
Carbon disulfide	7	6	[3.50]-[70]
Carbon tetrachloride	7	4	[0.84]-24
Chlorobenzene	7	0	[0.84]-[18]
Chlorodibromomethane	7	0	[3.40]-[70]
Chlorodifluoromethane	7	0	[3.40]-[70]
Chloroethane	7	0	[0.84]-[18]
Chloroform	7	3	[0.86]-[18]
Chloromethane	7	0	[0.84]-[18]
Cyclohexane	7	0	[3.40]-[70]
Dibromoethane[1,2-]	7	0	[0.84]-[18]
Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	7	0	[0.84]-[18]
Dichlorobenzene[1,2-]	7	0	[0.84]-[18]
Dichlorobenzene[1,3-]	7	0	[0.84]-[18]
Dichlorobenzene[1,4-]	7	0	[0.84]-[18]
Dichlorodifluoromethane	7	3	[0.84]-[18]
Dichloroethane[1,1-]	7	0	[0.84]-[18]
Dichloroethane[1,2-]	7	1	[0.84]-[18]
Dichloroethene[1,1-]	7	0	[0.84]-[18]
Dichloroethene[trans-1,2-]	7	0	[3.40]-[70]
Dichloropropane[1,2-]	7	0	[0.84]-[18]
Dichloropropene[cis-1,3-]	7	0	[0.84]-[18]
Dichloropropene[trans-1,3-]	7	0	[0.84]-[18]

Table 2.4-5 (continued)

Analyte	Number of Analyses[a]	Number of Detects[a]	Concentration Range (ppbv[b,c])
Dioxane[1,4-]	7	0	[3.40]-[70]
Ethanol	7	5	[3.40]-[70]
Ethylbenzene	7	6	[0.88]-[18]
Ethyltoluene[4-]	7	1	[3.40]-[70]
Hexachlorobutadiene	7	0	[0.84]-[18]
Hexane	7	0	[3.40]-[70]
Hexanone[2-]	7	1	[3.40]-[70]
Methanol	7	0	[84]-[1800]
Methyl tert-butyl ether	7	0	[3.40]-[70]
Methyl-2-pentanone[4-]	7	0	[3.40]-[70]
Methylene chloride	7	1	[0.84]-48
n-Heptane	7	0	[3.40]-[70]
Propanol[2-]	7	4	[3.40]-2100
Propylene	7	1	[3.40]-[70]
Styrene	7	0	[0.84]-[18]
Tetrachloroethane[1,1,2,2-]	7	0	[0.84]-[18]
Tetrachloroethene	7	6	[0.88]-[18]
Tetrahydrofuran	7	0	[3.40]-[70]
Toluene	7	7	[0.88]-69
Trichloro-1,2,2-trifluoro-ethane[1,1,2-]	7	0	[0.84]-[18]
Trichlorobenzene[1,2,4-]	7	0	[0.84]-[18]
Trichloroethane[1,1,1-]	7	3	[0.84]-[18]
Trichloroethane[1,1,2-]	7	0	[0.84]-[18]
Trichloroethene	7	5	[0.86]-[18]
Trichlorofluoromethane	7	3	[0.84]-[18]
Trimethylbenzene[1,2,4-]	7	6	[0.88]-[18]
Trimethylbenzene[1,3,5-]	7	2	[0.86]-[18]
Vinyl acetate	7	0	[3.40]-[70]
Vinyl chloride	7	0	[0.84]-[18]
Xylene[1,2-]	7	6	[0.88]-[18]
Xylene[1,3-]+xylene[1,4-]	7	6	[0.88]-18

[a] QA/QC samples not included.
[b] ppbv = parts per billion by volume.
[c] Brackets indicate a nondetect.

Table 2.4-6
Detected VOCs in Borehole Vapor Samples

Analyte	Borehole Location	Sample ID	Depth (ft)	Sample Value (ppbv)
Acetone	526	0816-01-0268	26-28	300
		0816-01-0267	44-46	20
	554	0816-01-0283	37-39	29
		0816-01-0277	76-78	5200
		0816-01-0284	76-78	180
	557	0816-01-0270	18-20	70
		0816-01-0269	54-56	37
Butanone[2-]	526	0816-01-0268	26-28	11
	554	0816-01-0283	37-39	68
		0816-01-0277	76-78	110
		0816-01-0284	76-78	79
	557	0816-01-0270	18-20	26
		0816-01-0269	54-56	11
Carbon disulfide	526	0816-01-0268	26-28	51
		0816-01-0267	44-46	42
	554	0816-01-0283	37-39	3.60
		0816-01-0284	76-78	7.10
	557	0816-01-0270	18-20	12
		0816-01-0269	54-56	36
Carbon tetrachloride	526	0816-01-0268	26-28	0.97
		0816-01-0267	44-46	1.5
	557	0816-01-0270	18-20	1.10
		0816-01-0269	54-56	24
Chloroform	554	0816-01-0283	37-39	1.20
		0816-01-0284	76-78	1.5
	557	0816-01-0269	54-56	2.40

Table 2.4-6 (continued)

Analyte	Borehole Location	Sample ID	Depth (ft)	Sample Value (ppbv)
Dichlorodifluoromethane	526	0816-01-0268	26-28	4.5
		0816-01-0267	44-46	5.30
	557	0816-01-0269	54-56	1.30
Dichloroethane[1,2-]	526	0816-01-0267	44-46	1
Ethanol	526	0816-01-0268	26-28	7.20
		0816-01-0267	44-46	13
	554	0816-01-0284	76-78	3.8(J)[a]
	557	0816-01-0270	18-20	18
	557	0816-01-0269	54-56	6.70
Ethylbenzene	526	0816-01-0268	26-28	1.20
		0816-01-0267	44-46	1.20
	554	0816-01-0283	37-39	3.40
		0816-01-0284	76-78	4.5
	557	0816-01-0270	18-20	1.60
		0816-01-0269	54-56	1.20
Ethyltoluene[4-]	554	0816-01-0284	76-78	6.10
Hexanone[2-]	557	0816-01-0270	18-20	6
Methylene Chloride	526	0816-01-0267	44-46	48
Propanol[2-]	526	0816-01-0268	26-28	320
		0816-01-0267	44-46	5
	554	0816-01-0277	76-78	2,100
		0816-01-0284	76-78	17
Propylene	557	0816-01-0269	54-56	4.80
Tetrachloroethene	526	0816-01-0268	26-28	2.20
		0816-01-0267	44-46	2.5
	554	0816-01-0283	37-39	1.20
		0816-01-0284	76-78	1.40
	557	0816-01-0270	18-20	3.40
		0816-01-0269	54-56	1.90
Toluene	526	0816-01-0268	26-28	49
		0816-01-0267	44-48	19
	554	0816-01-0283	37-39	9.40
		0816-01-0277	76-78	18

Table 2.4-6 (continued)

Analyte	Borehole Location	Sample ID	Depth (ft)	Sample Value (ppbv)
Toluene (continued)		0816-01-0284	76-78	10
	557	0816-01-0270	18-20	69
		0816-01-0269	54-56	39
Trichloroethane[1,1,1-]	526	0816-01-0268	26-28	3.10
		0816-01-0267	44-46	5.80
	557	0816-01-0269	54-56	2.30
Trichloroethene	526	0816-01-0268	26-28	5.70
		0816-01-0267	44-46	11
	554	0816-01-0284	76-78	1.5
	557	0816-01-0270	18-20	7.40
		0816-01-0269	54-56	4.40
Trichlorofluoromethane	526	0816-01-0268	26-28	2.20
		0816-01-0267	44-46	2.60
	557	0816-01-0269	54-56	1.10
Trimethylbenzene[1,2,4-]	526	0816-01-0268	26-28	2
		0816-01-0267	44-46	1.70
	554	0816-01-0283	37-39	3.60
		0816-01-0284	76-78	6.90
	557	0816-01-0270	18-20	2.90
		0816-01-0269	54-56	2.10
Trimethylbenzene[1,3,5-]	554	0816-01-0283	37-39	1.30
		0816-01-0284	76-78	2.20
Xylene[1,2-]	526	0816-01-0268	26-28	2.20
		0816-01-0267	44-46	1.90
	554	0816-01-0283	37-39	7.20
		0816-01-0284	76-78	9.10
	557	0816-01-0270	18-20	2.60
		0816-01-0269	54-56	2.10
Xylene[1,3-]+xylene[1,4-]	526	0816-01-0268	26-28	5.30
		0816-01-0267	44-46	5
	554	0816-01-0283	37-39	14
		0816-01-0284	76-78	18

Table 2.4-6 (continued)

Analyte	Borehole Location	Sample ID	Depth (ft)	Sample Value (ppbv)
Xylene[1,3-]+xylene[1,4-] (continued)	557	0816-01-0270	18-20	6.60
		0816-01-0269	54-56	5.5

[a] J = estimated quantity.

VOC concentrations were generally detected in the ppbv range in each sample, with the exception of acetone and [2-]propanol, both detected in ppmv in sample 0816-01-0277. However, these two VOCs had substantially lower concentrations measured in the collocated sample (0816-01-0284). Detected compounds included trichloroethene, tetrachloroethene, benzene, toluene, ethylbenzene, and xylene (BTEX) components, acetone, and Freons. Several compounds were detected in the QA samples, including butanone and [2-]propanol.

Results of the borehole vapor sampling at MDA P indicate VOCs are present at very low concentrations in subsurface pore gas. The subsurface environment at MDA P is relatively dry (<20% moisture by volume) with limited organic content. Additionally, the VOCs detected at the site have relatively high vapor pressures. Given these factors, it is likely that these VOCs are restricted to the vapor phase and are not indicators of contamination of soil or tuff. In the absence of liquid water and organic material, these VOCs would not be present at detectable concentrations sorbed onto the tuff matrix.

The compounds detected in the vapor phase at the MDA P Site are indicative of those commonly associated with industrial waste. Furthermore, disposal and excavation activities at MDA P involved the use of heavy equipment, which likely introduced small amounts of petroleum products through exhaust and equipment leaks. Industrial waste was present on the surface for over fifty years at the site. Vapors from this material would have diffused into the underlying tuff at low concentrations and remain as residual pore gas contamination. Therefore, the vapor phase contaminants detected in pore gas in the boreholes at the MDA P Site are not unexpected and are consistent with known sources of contamination. VOCs as vapors in the boreholes are at trace levels and generally decrease with depth, indicating that contamination at depth does not occur.

2.4.3 Confirmation Sampling Results

The confirmation sample results from the MDA P Site are summarized for inorganic chemicals, radionuclides, and organic chemicals. The data review (comparison to background and evaluation of detection status) is presented in more detail in Appendix A, section 3.2. Following the comparison to background for inorganic chemicals, further evaluation was performed using statistical comparisons and box and whisker plots. The statistical analyses and graphical comparisons used in this assessment are detailed in Appendix A, section 3.2 and Attachment 2.

Ten inorganic chemicals in the biological zone soil exceeded their respective BVs: antimony, barium, cadmium, chromium, cobalt, copper, lead, manganese, silver, and zinc. Table 2.4-6 summarizes the inorganic chemical data. More detail is provided in Table 3.2.1-1 of Appendix A, including frequency of detection, range of concentrations measured in the confirmation samples, and a comparison of the concentrations of each analyte to the BVs for soil (LANL 1998, 59730). Following the BV comparisons, these 10 inorganic chemicals were further evaluated using statistical comparisons and box and whisker

plots (see Appendix A, section 3.2.1, Tables 3.2.1-2, 3.2.1-3, and 3.2.1-4 and Attachment 2). As a result, barium, copper, silver, cobalt, lead, and zinc were retained as COPCs in the biological zone soil. Appendix A, Table 3.2.1-5 presents the analytical results for all soil samples with detected inorganic chemical concentrations or detection limits exceeding BVs for the biological zone.

Sixteen inorganic chemicals in the biological zone tuff exceed their respective BVs: aluminum, antimony, arsenic, barium, beryllium, chromium, cobalt, copper, iron, lead, nickel, selenium, silver, thallium, vanadium, and zinc. Table 2.4-7 summarizes the inorganic chemical data. More detail is provided in Appendix A, Table 3.2.1-1 including frequency of detection, range of concentrations measured in the confirmation samples, and a comparison of the concentrations of each analyte to the BVs for tuff (LANL 1998, 59730). Following the BV comparisons, these 16 inorganic chemicals are further evaluated using statistical comparisons and box and whisker plots (see Appendix A, section 3.2.1, Tables 3.2.1-2, 3.2.1-3, and Attachment 2). As a result, aluminum, antimony, barium, chromium, cobalt, copper, iron, lead, nickel, selenium, vanadium, and zinc are retained as COPCs in the biological zone tuff. Appendix A, Table 3.2.1-5 presents the analytical results for all tuff samples with detected inorganic chemical concentrations or detection limits exceeding BVs for the biological zone.

Nineteen inorganic chemicals in the exposed tuff zone exceed their respective BVs for tuff: aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, vanadium, and zinc. Additionally, perchlorate, which does not have an associated BV, is retained as a COPC because it was detected. Table 2.4-8 summarizes the inorganic chemical data. More detail is provided in Table 3.2.1-6 of Appendix A, including frequency of detection, range of concentrations measured in the confirmation samples, and a comparison of the concentrations of each analyte to the BVs for tuff (LANL 1998, 59730). Following the BV comparisons, these 19 inorganic chemicals are further evaluated using statistical comparisons and box and whisker plots (see Appendix A, section 3.2.1, Tables 3.2.1-7, 3.2.1-8, and 3.2.1-9 and Attachment 2). As a result, aluminum, antimony, barium, beryllium, chromium, cobalt, copper, iron, lead, mercury, nickel, selenium, vanadium, and zinc are retained as COPCs in the exposed zone tuff; perchlorate is also retained as a COPC because it was detected. Appendix A, Table 3.2.1-10 presents the analytical results for all samples with detected inorganic chemical concentrations or detection limits exceeding BVs in the exposed tuff zone.

Four radionuclides were detected in the soil samples from the biological zone: cesium-137, uranium-234, uranium-235, and uranium-238. None of these radionuclides were detected at activities exceeding the soil BVs or fallout values (LANL 1998, 59730). Three radionuclides were detected in the tuff samples from the exposed tuff zone: uranium-234, uranium-235, and uranium-238. None of these radionuclides were detected at activities exceeding the tuff BVs (LANL 1998, 59730). Table 2.4-9 summarizes the radionuclide data. More detail is provided in Appendix A, Tables 3.2.2-1 and 3.2.2-2 including frequency of detection, range of concentrations measured in the confirmation samples, and a comparison of the concentrations of each analyte to the BVs for soil or tuff (LANL 1998, 59730).

Nineteen organic chemicals were detected in one or more of the biological zone samples. However, 9 of these were detected in less than 5% of the samples and are eliminated as COPCs (EPA 1989, 08021); the remaining 10 organic chemicals were retained as COPCs for the biological zone: acetone, amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], Aroclor-1260, bis(2-ethylhexyl)phthalate, DDT[4,4'-] (dichlorodiphenyltrichloroethane), HMX (1,3,5,7-tetranitro-1,3,5,7-tetrazacyclooctane), RDX (1,3,5-trinitro-1,3,5-triazacyclohexane), toluene, and trinitrotoluene[2,4,6-]. Table 2.4-10 summarizes the organic chemical data. More detail is provided in Appendix A, Table 3.2.3-1, including frequency of detection, range of concentrations measured in the confirmation samples, and the maximum estimated quantitation

limits (EQLs) for all detected organic chemicals. Samples with detected concentrations for the 10 organic COPCs are summarized in Appendix A, Table 3.2.3-2.

Sixteen organic chemicals were detected in one or more of the exposed tuff zone samples. However, 7 of the organic chemicals were detected in less than 5% of the samples and were eliminated as COPCs (EPA 1989, 08021); the remaining 9 organic chemicals were retained as COPCs for the exposed tuff zone: amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], bis(2-ethylhexyl)phthalate, carbon disulfide, HMX, RDX, toluene, trinitrobenzene[1,3,5-], and trinitrotoluene[2,4,6-]. Table 2.4-11 summarizes the organic chemical data. More detail is provided in Appendix A, Table 3.2.3-3, which summarizes the organic analytical data, including frequency of detection, range of concentrations measured in the confirmation samples, and the maximum EQLs for all detected organic chemicals. Samples with detected concentrations for the 9 organic COPCs are summarized in Appendix A, Table 3.2.3-4.

Table 2.4-7
Summary of Inorganic Chemical Results for the Biological Zone

Analyte	Media	Number of Analyses	Number of Detects	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Background Value (mg/kg)
Aluminum	Soil	71	71	2,630	19,900	29,900
Aluminum	Tuff	73	73	766	32,700	7,340
Antimony	Soil	71	17	[0.09][a]	2.9	0.83
Antimony	Tuff	73	3	[0.14]	1.2	0.5
Arsenic	Soil	71	66	[0.12]	4.8	8.17
Arsenic	Tuff	73	61	[0.12]	3.8	2.79
Barium	Soil	71	71	18.7	6,630	295
Barium	Tuff	73	73	9.3	2,920	46
Beryllium	Soil	71	71	0.27	1.8	1.83
Beryllium	Tuff	73	73	0.23	1.9	1.21
Cadmium	Soil	71	24	[0.01]	1.4	0.4
Cadmium	Tuff	73	33	[0.02]	0.80	1.63

Table 2.4-7 (continued)

Analyte	Media	Number of Analyses	Number of Detects	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Background Value (mg/kg)
Chromium	Soil	71	70	1.6	39.4	19.3
Chromium	Tuff	73	69	0.51	15.6	7.14
Cobalt	Soil	71	71	0.69	44.7	8.64
Cobalt	Tuff	73	70	0.41	41.3	3.14
Copper	Soil	71	71	0.68	36.8	14.7
Copper	Tuff	73	73	0.004	32.4	4.66
Iron	Soil	71	71	4,580	19,900	21,500
Iron	Tuff	73	73	6.47	22,500	14,500
Lead	Soil	71	71	3.8	61.5	22.3
Lead	Tuff	73	73	1.25	24.2	11.2
Manganese	Soil	71	71	30.9	1,290	671
Manganese	Tuff	73	73	44.7	456	482
Mercury	Soil	71	36	[0.2]	0.07	0.1
Mercury	Tuff	73	14	[0.0028]	0.061	0.1
Nickel	Soil	71	69	[1.3]	10.5	15.4
Nickel	Tuff	73	62	0.79	12.6	6.58
Selenium	Soil	71	33	[0.10]	0.48	1.52
Selenium	Tuff	73	48	0.13	0.74	0.3
Silver	Soil	71	16	[0.019]	15.8	1
Silver	Tuff	73	15	[0.035]	4.6	1
Thallium	Soil	71	30	[0.013]	[1.2]	0.73
Thallium	Tuff	73	25	[0.012]	1.2	1.1
Vanadium	Soil	71	70	[0.380]	29.3	36.6
Vanadium	Tuff	73	70	0.0038	26.4	17
Zinc	Soil	71	67	[9.4]	912	48.8
Zinc	Tuff	73	73	0.027	150	63.5

[a] Numbers in brackets are undetected results and the value reported is the estimated detection limit.

Table 2.4-8
Summary of Inorganic Chemical Results for the Exposed Tuff Zone

Analyte	Media	Number of Analyses	Number of Detects	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Background Value (mg/kg)
Aluminum	Tuff	146	146	656	28100	7,340
Antimony	Tuff	146	22	[0.02][a]	2.7	0.5
Arsenic	Tuff	146	120	[0.11]	7.2	2.79
Barium	Tuff	146	145	5.2	6,980	46
Beryllium	Tuff	146	146	0.25	3.3	1.21
Cadmium	Tuff	146	65	[0.015]	5.7	1.63
Chromium	Tuff	146	145	0.32	18.7	7.14
Cobalt	Tuff	146	144	0.35	151	3.14
Copper	Tuff	146	144	[0.94]	34	4.66
Iron	Tuff	146	146	4,130	20,600	14,500
Lead	Tuff	146	146	1.2	144	11.2
Manganese	Tuff	146	145	103	842	482
Mercury	Tuff	146	30	[0.0028]	0.22	0.1
Nickel	Tuff	146	132	0.78	13.2	6.58
Perchlorate	Tuff	33	7	[0.007]	[0.73]	No Value
Selenium	Tuff	146	88	0.12	1.4	0.3
Silver	Tuff	146	22	[0.04]	1.8	1
Thallium	Tuff	146	46	[0.012]	1.4	1.1
Vanadium	Tuff	146	140	[0.38]	36.7	17
Zinc	Tuff	146	146	23.1	118	63.5

[a] Numbers in brackets are undetected results and the value reported is the estimated detection limit.

Table 2.4-9
Summary of Radionuclide Results for the Biological Zone and Exposed Tuff Zone

Analyte	Media	Number of Analyses	Number of Detects	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Background Value (mg/kg)
Biological Zone						
Cesium-137	Soil	3	1	[-0.020][a]	0.55	1.65
Uranium-234	Soil	3	3	0.48	0.73	2.59
Uranium-235	Soil	5	2	[-0.63]	[0.31]	0.20
Uranium-238	Soil	3	3	0.51	0.85	2.29
Exposed Tuff Zone						
Uranium-234	Tuff	4	4	0.45	0.71	1.98
Uranium-235	Tuff	8	2	[-0.27]	0.068	0.09
Uranium-238	Tuff	4	4	0.374	0.51	1.93

[a] Numbers in brackets are undetected results and the value reported is the estimated detection limit.

Table 2.4-10
Summary of Organic Chemical Results for the Biological Zone

Analyte	Number of Analyses	Number of Detects	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)
Acetone	5	1	0.014	[0.026]
Amino-2,6-dinitrotoluene[4-]	145	18	0.063	0.98
Amino-4,6-dinitrotoluene[2-]	145	20	0.044	1.1
Aroclor-1260	3	1	[0.039][a]	0.061
Benzoic Acid[b]	139	3	0.1	[2.3]
Bis(2-ethylhexyl)phthalate	139	8	0.11	[0.47]
DDT[4,4'-]	3	1	[0.002]	0.0079
Dichlorobenzene[1,4-][b]	144	1	0.001	[0.47]
Dinitrobenzene[1,3-][b]	145	3	0.046	[1.4]
Dinitrotoluene[2,4-][b]	282	1	[0.08]	[1.4]
Dinitrotoluene[2,6-][b]	282	2	[0.08]	[1.4]
HMX	145	57	[0.08]	16
Methylnaphthalene[2-][b]	139	1	0.04	[0.47]
Nitrotoluene[3-][b]	145	1	[0.08]	[1.4]
Nitrotoluene[4-][b]	145	1	[0.08]	[1.4]
RDX	145	76	0.069	37
Tetryl[b]	144	1	[0.08]	[1.4]
Toluene	5	1	0.001	[0.007]
Trinitrotoluene[2,4,6-]	145	12	0.034	1.2

[a] Numbers in brackets are undetected results and the value reported is the estimated detection limit.

[b] Detected in less than 5% of the samples eliminated as a COPC.

Table 2.4-11
Summary of Organic Chemical Results for the Exposed Tuff Zone

Analyte	Number of Analyses	Number of Detects	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)
Amino-2,6-dinitrotoluene[4-]	143	20	0.049	0.55
Amino-4,6-dinitrotoluene[2-]	143	23	[2.5E-07][a]	0.882
Bis(2-ethylhexyl)phthalate	137	7	0.08	0.62
Carbon Disulfide	5	1	[0.005]	0.01
Di-n-butylphthalate	137	1	0.13	[0.43]
Dinitrobenzene[1,3-]	143	1	0.044	[0.33]
Dinitrotoluene[2,4-]	280	2	0.036	[0.43]
Dinitrotoluene[2,6-]	280	1	[0.08]	[0.43]
HMX	143	76	[0.08]	5.74

Table 2.4-11 (continued)

Analyte	Number of Analyses	Number of Detects	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)
Methylnaphthalene[2-]	137	1	0.058	[0.43]
Nitrotoluene[4-]	143	1	[0.08]	[0.33]
RDX	143	107	0.054	10.8
Tetryl	143	1	[0.08]	[0.33]
Toluene	5	2	0.001	[0.026]
Trinitrobenzene[1,3,5-]	143	8	0.047	0.36
Trinitrotoluene[2,4,6-]	143	10	0.029	0.48

[a] Numbers in brackets are undetected results and the value reported is the estimated detection limit.

All data collected for the Phase II confirmation sampling were validated in accordance with the requirements of the QA project plan (LANL 1996, 54609) and the Laboratory ER Project analytical services statement of work for contract laboratories (LANL 2000, 71233). Data QA/QC is summarized in Appendix B.

The data assessment determined that the data are of good quality and are sufficient for validating the demonstration of clean closure.

2.4.4 Phase II Variances

Several operational variances and deviations associated with the Phase II closure implementation activities for the MDA P Site were identified previously in a number of letters and/or Class I closure modification requests, as detailed in Appendix D; these changes were incorporated into the NMED-approved May 2002 request for closure plan modification (LANL 2002, 73159). Thus, all changes to the Phase II activities covered by the closure plan modification no longer represent deviations or variances, according to the definition of such changes in the MDA P closure plan (LANL 1995, 58713). Approved Phase II changes include changes related to the borehole investigations and changes to the Phase II sampling plan. With the exception of MDA P closure plan changes that may have also impacted the closure implementation of Flash Pad 387 due to the overlap in closure activities, no additional changes were identified for the Flash Pad 387 closure implementation. All changes that occurred in Phase II activities after May 2002 are considered variances that fall into one of two categories: (1) changes in sample locations, and (2) changes in analytical sampling.

2.4.4.1 Phase II Sample Location Changes

There were a number of changes to the Phase II sample locations, as committed to in May 2002 (LANL 2002, 73159) after the majority of the confirmation sampling activities had been completed (see Table 2.4-12). The changes to sampling locations included: additions, deletions, changes across grids, and changes within grids. The changes in sampling locations were primarily driven by (1) the commitment to sample in low-lying areas with increased potential for receiving deposition or in areas with obvious deposition occurring; and (2) the need to protect worker safety by avoiding steep slopes (>30%) during sampling.

Table 2.4-12
Phase II Sample Location Changes

Grid	Sample Depth (ft)	Notes
Deleted Phase II Sample Locations		
83	0–1	—
119	0–1	—
341	2–3	—
343	0–1	—
378	0–1	—
547	2–3	—
550	0–1	—
587	0–1	—
588	0–1	—
591	2–3	—
Added Phase II Sample Locations		
196	0–1	—
204	0–1	—
205	0–1	—
205	0–1	—
206	0–1	—
206D	0–1	—
238	0–1	—
239	0-11	—
240	0–1	—
241	0–1	—
242	0–1	—
271	0–1	—
271T	0–1	—
276	0–1	—
277E	0–1	—
278	0–1	—
278	0–1	—
314	0–1	—
340	0–1	—
340	2–3	—
344	3–4	—
348	0–1	—
373	0–1	—
375	9-10	—
376	0–1	—

Table 2.4-12 (continued)

Grid	Sample Depth (ft)	Notes
Added Phase II Sample Locations (continued)		
376A	0–1	—
387	0–1	—
413	0–1	—
454	0–1	—
624	0–1	—
625	0–1	—
625	2–3	—
661T	2–3	—
661T	6–7	—
667	0–1	—
669	0–1	—
670	0–1	—
702	0–1	—
702	2–3	—
702T	0–1	—
702T	4–5	—
706	0–1	—
741	2–3	—
741	5–6	—
742	0–1	—
742	2–3	—
Moved Phase II Sample Locations		
117	0–1	Moved to 153
153	0–1	Moved from 117
274	0–1	Moved from grid center
287	0–1	Moved from grid center
316	0–1	Moved from grid center
371	0–1	Moved from grid center
403	0–1	Moved to 404
404	0–1	Moved from 403
410	0–1	Moved to 411
411	0–1	Moved from 410
416	0–1	Moved from 417
417	0–1	Moved to 416
473	0–1	Moved to 474
474	0–0.5	Moved from 473
514	0–1	Moved from grid center

Table 2.4-12 (continued)

Grid	Sample Depth (ft)	Notes
Moved Phase II Sample Locations (continued)		
515	0–1	Moved from grid center
528	0–1	Moved from 564
564	0–1	Moved to 528
589	0–1	Moved to 590
590	0–1	Moved from 589
590	2–3	Moved from 589
652	0–0.5	Moved from 688
652	2–3	Moved from 688
688	0–0.5	Moved to 652
688	2–3	Moved to 652

The SAP (LANL 1999, 63546) and May 2002 modification (LANL 2002, 73159) detailed the collection of "baseline" samples to determine whether the Phase I activities may have introduced additional levels of residual contamination beyond the historic activities in the areas used for conducting Phase I activities (e.g., staging, decontamination, storage, and loading areas). However, the topsoil and unconsolidated materials in the majority of the staging areas were entirely removed during the Phase I activities. In other staging areas where removal was not complete, significant portions were excavated during Phase I and the remaining soil passed the field screening process. Thus, locations originally identified for baseline sampling were included within locations later considered for the Phase II confirmation sampling, obviating the need to separate baseline locations from confirmation sample locations.

The SAP (LANL 1999, 63546) defined a minimum number of sample locations based on "strata" (i.e., unique areas of concern within the MDA P Site boundaries), for a total of 179 locations. The purpose of this original sample design was to provide for an appropriate number of samples for which potential risk to receptors within each stratum could be evaluated. It was then proposed that the results of each stratum be compared to determine an appropriate level of grouping and thus, spatial scale, of the final risk analysis. This approach to the risk analysis was obviated by the decision to screen for potential risk at the MDA P Site with respect to the two, distinct regions of potential transport and receptor exposure (i.e., the biological zone and the exposed tuff zone, described in section 1.4) remaining at the site after the completion of the Phase I excavation and removal activities, as agreed upon by the Laboratory with the NMED and with EPA Region 6 personnel (LANL 2002, 73791).

Overall, the net change in the sample locations was a positive variance; that is, more grid locations were sampled than committed to in May 2002: 10 locations were "deleted"; 41 locations (some with more than one sample per location) were "added", 8 of which were "moved" from previously identified locations. Thus, a total of 23 locations were added to the confirmation sampling at the MDA P Site (41 additions - 8 moved from previously identified locations - 10 deleted locations). Within-grid moves from the grid centers occurred at 8 locations.

2.4.4.2 Phase II Sample Changes in Sample Numbers

The confirmation sampling by analytical suite, as committed to and as performed, is summarized in Table 2.4-2 and Table 2.4-3. Table 2.4-2 shows the number of samples for some analytical suites (notably inorganic chemicals, HE, and SVOCs) is less than indicated in the May 2002 modification, while other chemicals have more samples than indicated in the May 2002 modification. However, the differences in the sample numbers from May 2002 to the preparation of this closure certification report represent slight discrepancies in Table 4-2 of the May 2002 modification (less than 6% of the total samples collected for any given analyte group) and changes in sampling due to the additional excavation and removal activities in the eastern drainage that occurred after May 2002. Samples in the eastern drainage area that were used as confirmation samples prior to May 2002 became Phase I characterization samples after May 2002 because of the additional excavation and removal activities in the drainage. Overall, twelve samples were removed from the Phase II sample database because the locations from which these samples were collected were later excavated. Thus, a reduction in number of confirmation samples does not indicate a reduction in the ability to characterize the residual contamination at the MDA P Site because the sampling changes beyond May 2002 were driven by additional removal and sampling performed at the site as a result of the initial confirmation sample results. The changes in the numbers of confirmation samples collected at the MDA P Site do not affect the ability to evaluate risk and, therefore, determine clean closure.

2.5 Risk Assessments for the MDA P Site

2.5.1 Introduction

The human health and ecological risk assessments summarized in this section are performed to confirm that the requirements for clean closure and corrective action at the MDA P Site are met. The risk assessment approach was delineated in the NMED-approved SAP for the MDA P Site units (LANL 1999, 63546). The analysis of the Phase II confirmation sample data in the context of potential human health and ecological risk is the focus of this section, the details of which are provided in Appendix A.

Potential risks to both human and ecological receptors from residual contamination are evaluated for the MDA P Site. The screening assessments performed for the human and ecological receptors consist of four components: scoping, screening evaluation, uncertainty analysis and/or problem formulation, and interpretation of results. The human health screening assessment is performed using the approach presented in the "Installation Work Plan for Environmental Restoration Program" (LANL 1998, 62060) and in LANL (2002, 72639). The ecological screening assessment is performed using the methodology presented in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783). For all inorganic and organic COPCs that do not pass the initial human health and ecological screening assessments, additional analysis and evaluation is provided.

2.5.2 Conceptual Site Model

This section summarizes the conceptual model of COPC release, transport, and potential exposure to human and ecological receptors at the MDA P Site. The conceptual model is discussed in more detail in Appendix A, section 3.3.

The current, post-excavation MDA P Site is comprised of two distinct zones: an "exposed tuff zone" and a "biological zone" (see Photograph 1.4-2, Photograph 1.4-3, and Figure 1.4-2). The location of MDA P exists almost exclusively within the exposed tuff zone, though the very southern tip of the east lobe is within the biological zone. The location of Flash Pad 387 exists within an area that has been restored and

reseeded and lies entirely within the biological zone. The location of consolidated SWMU 16-016(c)-99 exists within both the exposed tuff and biological zones. The boundaries of the biological and exposed tuff zones and the boundaries of the units within the MDA P Site are shown on Figure 1.4-2.

2.5.2.1 Potential Releases and Transport

The primary mechanism of past releases of chemicals at the MDA P Site is related to the former material disposal operations conducted at the site. Contamination of surface soils and tuff at the site occurred through transport and dispersion from the contaminated debris and soil generated and accumulated during the operations at the MDA P Site. Additional releases potentially occurred via leaching through the landfill contents and surface water runoff from the MDA P Site to the Cañon de Valle stream channel, located downgradient (north) of the MDA P Site.

Soil and tuff are the contaminated media within the boundaries of the MDA P Site associated with past releases. The majority of COPCs identified for both the exposed tuff and biological zones are in soil and tuff at depths less than 5 ft. Surface water does not currently exist at the site and excavation and removal activities resulted in the elimination of all potential near-saturated and ponded water sources at the surface, eliminating surface water as a medium of concern within the boundaries of the MDA P Site. Run-on is directed away from the site into two, adjacent watersheds, using natural and engineered landscape features. Runoff of precipitation that falls within the boundaries of the MDA P Site is generally diverted to the west and east of the site, into channels that terminate in Cañon de Valle. Large precipitation events may cause breaching of the diversion channels and result in sheet flow across the surface of the site, terminating also in Cañon de Valle. Groundwater is also ruled out as a contaminated medium underneath the MDA P Site because contamination beneath the site does not extend to approximately 700 ft bgs (potential perched aquifer) or the regional aquifer at approximately 1200 ft bgs.

Surface soils have been removed from the exposed tuff zone, which has also been denuded of all mature, native vegetation. Because there are currently no areas for ponding or with near-saturated conditions within the exposed tuff zone, the current conditions promote runoff and inhibit infiltration. Also, because the residual contamination is limited to the tuff, transport from the exposed tuff zone is controlled primarily by the slow rate of weathering of the tuff. The soils in the biological zone are approximately 2 to 5 ft deep (though in some locations, soils may exceed 5 ft) and are inhabited by grasses and plants typical of successional or transitional areas that have been subjected to some kind of disturbance. Erosion of the topsoil that remains at the site within the biological zone was mitigated by the implementation of BMPs by the Laboratory, including slope stabilization and erosion control measures. Transport of residual contamination from the biological zone to Cañon de Valle is still possible through surface water runoff, though the presence of topsoil, plant cover, and the BMP features tend to promote infiltration of water over runoff, making sediment runoff a minor transport pathway for the biological zone.

Natural, physiographic boundaries (terrain constraints) limit the lateral extent of both past and future transport. The off-site transport of contaminants is constrained by drainage channels to the east and west of the site and the upgradient road to the south, such that all run-on and runoff is directed to Cañon de Valle. Because the Phase II confirmation samples cover the majority of the MDA P Site, including locations beyond the historic and current natural boundaries of the site, the lateral extent of residual contamination related to the MDA P Site has been sufficiently defined; i.e., locations subject to potential contamination from either historic use or historic transport processes have been appropriately captured by the confirmation sampling. Additionally, because the depth of the confirmation sampling extends well below the residual contamination in the soil and tuff of the MDA P Site, the vertical extent of contamination is sufficiently defined.

2.5.2.2 Potential Exposure to Human and Ecological Receptors

Potential, complete exposure pathways from COPCs in surface soil and tuff include inhalation of fugitive dust and direct exposure to soil and tuff via dermal contact or incidental ingestion. Potential exposure pathways due to COPCs in subsurface soil and tuff would be complete only if contaminated soil or tuff were excavated and brought to the surface, in which case the potential exposure pathways would be similar to surface soil exposures. Weathering of tuff is the only viable natural process that may result in the exposure of receptors to COPCs in tuff; because of the slow rate of weathering expected for tuff, exposure to COPCs in this medium is negligible.

Because no surface water currently exists at the site and excavation activities resulted in the elimination of all potential near-saturated and ponded water sources at the surface, potential human health exposure pathways due to surface water (dermal and ingestion) are incomplete and are not evaluated. Groundwater is eliminated as a potentially contaminated medium underneath the MDA P Site because no surface-to-groundwater pathway exists. Thus, pathways to the regional aquifer, which is located approximately 1200 ft below the site, are incomplete and are not evaluated.

The exposed tuff zone currently contains surface anomalies (e.g., depressions or cracks in the tuff) that provide isolated and discontinuous microsites with a tendency to accrete fine materials/deposits that can become microhabitats for plants. Thus, some isolated plants can be found growing within the exposed tuff zone. Use of the exposed tuff zone for foraging or other activities by the animal receptors that may potentially inhabit areas proximal to the MDA P Site is not expected.

As agreed upon by the Laboratory with the NMED and EPA Region 6 (LANL 2002, 73791), the exposed tuff area of the site does not require a quantitative ecological risk assessment including generation and review of hazard quotients (HQs). The "preferred approach is a qualitative ecological risk assessment" consisting of a written discussion documenting that the various exposure pathways are not complete in this area of the site. In summary, COPCs in the tuff are generally immobilized and become available to receptors only as a function of the slow rates of weathering of the tuff. Vegetation, though present in some microsites, is sparse and does not have contact with COPCs to the degree that population-level effects occur. Also, the vegetation is not present in sufficient quantities to result in substantial uptake through the food chain and it is unlikely that use or foraging by ecological receptors occurs because of the unsuitable habitat. Therefore, the contact that wildlife receptors might have with COPCs in the exposed tuff zone does not drive population-level effects in the wildlife receptors. Thus, there are no complete pathways in the exposed tuff zone and the exposure of receptors to COPCs in this zone is not evaluated quantitatively.

The remaining area of the MDA P Site footprint, which is yet undisturbed or has been reseeded/reclaimed, currently supports grasses and plants that may be used as forage by ecological receptors. The relatively shallow depth of the soil in the reclaimed footprint area (an average depth of approximately 2 ft, though as deep as approximately 5 ft in some locations near the east and west perimeters of the site) precludes deep-rooted plants and all but investigative burrowing activities by fossorial mammals (see Ecological Scoping Checklist, Attachment 1 to Appendix A). Complete exposure pathways for ecological receptors to COPCs in the surface soil and tuff in the biological zone include: uptake by plants; ingestion and dermal pathways for animal receptors; and potential food web transfer.

As with the exposure pathways for human receptors, pathways related to the exposure of ecological receptors to COPCs in surface water at the site are incomplete because no surface water currently exists at the site and excavation activities resulted in the elimination of all potential near-saturated and ponded water sources at the surface. Additionally, groundwater is eliminated as a potentially contaminated

medium underneath the MDA P Site because no surface-to-groundwater pathway exists; thus, pathways to the regional aquifer, which is located approximately 1200 ft below the site, are incomplete for ecological receptors at the MDA P Site.

2.5.3 Screening Assessment Summaries

As detailed in Appendix A, screening assessments are performed for all inorganic COPCs that are determined to be greater than background concentrations (LANL 1998, 59730) in the confirmation sample data sets for the biological and exposed tuff zones. Organic chemicals detected in more than 5% of the confirmation samples (EPA 1989, 08021) are designated COPCs, and evaluated for potential risk to human and ecological receptors. No radionuclides are identified as COPCs for the MDA P Site based on a comparison of detected radionuclide activities to the Laboratory BVs. For the biological zone, the background comparison divides the data into samples taken from soil and those taken from tuff because the BVs are matrix-specific. No such division is necessary for the samples collected from the exposed tuff zone because all samples are designated as tuff. The Phase II confirmation samples, as used in the risk assessments (i.e., biological vs. exposed tuff and soil matrix vs. tuff), are shown in Figure 2.5-1. The sample locations on Figure 2.5-1 are shown in the center of the grids from which they were collected because the assumption in the sample collection methodology and the risk assessments is that the entire grid cell is represented/characterized by the within-grid samples.

The COPCs identified for the MDA P Site, for both the biological zone and the exposed tuff zone, are summarized in Appendix A, Table 3.2.4-1. The inorganic chemicals are categorized by matrix type for the biological zone because the BVs used to determine COPCs are matrix-specific.

A total of 16 inorganic chemicals are retained as COPCs for further evaluation for the MDA P Site. Six inorganic chemicals are identified as COPCs for the biological zone soil (barium, cobalt, copper, lead, silver, and zinc). Twelve inorganic chemicals are identified as COPCs for the biological zone tuff (aluminum, antimony, barium, chromium, cobalt, copper, iron, lead, nickel, selenium, vanadium, and zinc). Fifteen inorganic chemicals are identified as COPCs for the exposed tuff zone (aluminum, antimony, barium, beryllium, chromium, cobalt, copper, iron, lead, mercury, nickel, perchlorate, selenium, vanadium, and zinc).

A total of 12 organic chemicals are retained as COPCs for further evaluation for the MDA P Site. Ten organic chemicals are identified as COPCs for the biological zone (acetone, amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], Aroclor-1260, bis(2-ethylhexyl)phthalate, DDT[4,4'-], HMX, RDX, toluene, and trinitrotoluene[2,4,6-]). Nine organic chemicals are identified as COPCs for the exposed tuff zone (amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], bis(2-ethylhexyl)phthalate, carbon disulfide, HMX, RDX, toluene, trinitrobenzene[1,3,5-], and trinitrotoluene[2,4,6-]).

No radionuclides are identified as COPCs for the MDA P Site.

2.5.3.1 Human Health Screening Analysis

The MDA P Site exists within the active, operational area of TA-16 and lies entirely on DOE land. The site is isolated from public access by a security fence and security checkpoints. Based on the current and proposed future land use, the site will remain under Laboratory control and will continue to be used for industrial purposes. Potential human exposure pathways include inhalation of airborne particles, incidental ingestion of surface soil or tuff, and dermal contact with surface soil or tuff. The potential on-site receptors for both current and reasonably foreseeable future land use are Laboratory employees, for both industrial and recreational land uses. However, for this screening assessment, residential land use is assumed, to support closure certification and corrective action decisions.

The screening assessment is a comparison of COPC concentrations with SALs. SALs were calculated based on the methodology provided in Appendix C of the approved IWP (LANL 1998, 62060) and LANL (2002, 72639). The methodology is based on guidance from EPA Region 6 and NMED (EPA 2001, 71466; NMED 2000, 68554). The SALs used in the screening evaluation reflect a residential exposure scenario, assuming exposure for 24 hr/day for 350 days/year. The SAL comparison is presented separately for noncarcinogenic and carcinogenic chemicals. The SALs for noncarcinogens are based on a hazard quotient (HQ) of 1.0. SALs for carcinogens are based on a target cancer risk of 10^{-6}. The comparison is based on the 95% upper confidence limit (UCL) of the mean concentration of each COPC, as measured in samples collected from 0 to 5 ft. The statistical evaluations are provided in Appendix A, section 3.2. If a chemical is a COPC for either zone (biological or exposed tuff), it is assumed to be a COPC for the entire MDA P Site. Thus, the data sets defining the 95% UCL concentrations for comparison to human health SALs include all sample locations and both soil and tuff matrices, regardless of whether the samples were from the biological or exposed tuff zone.

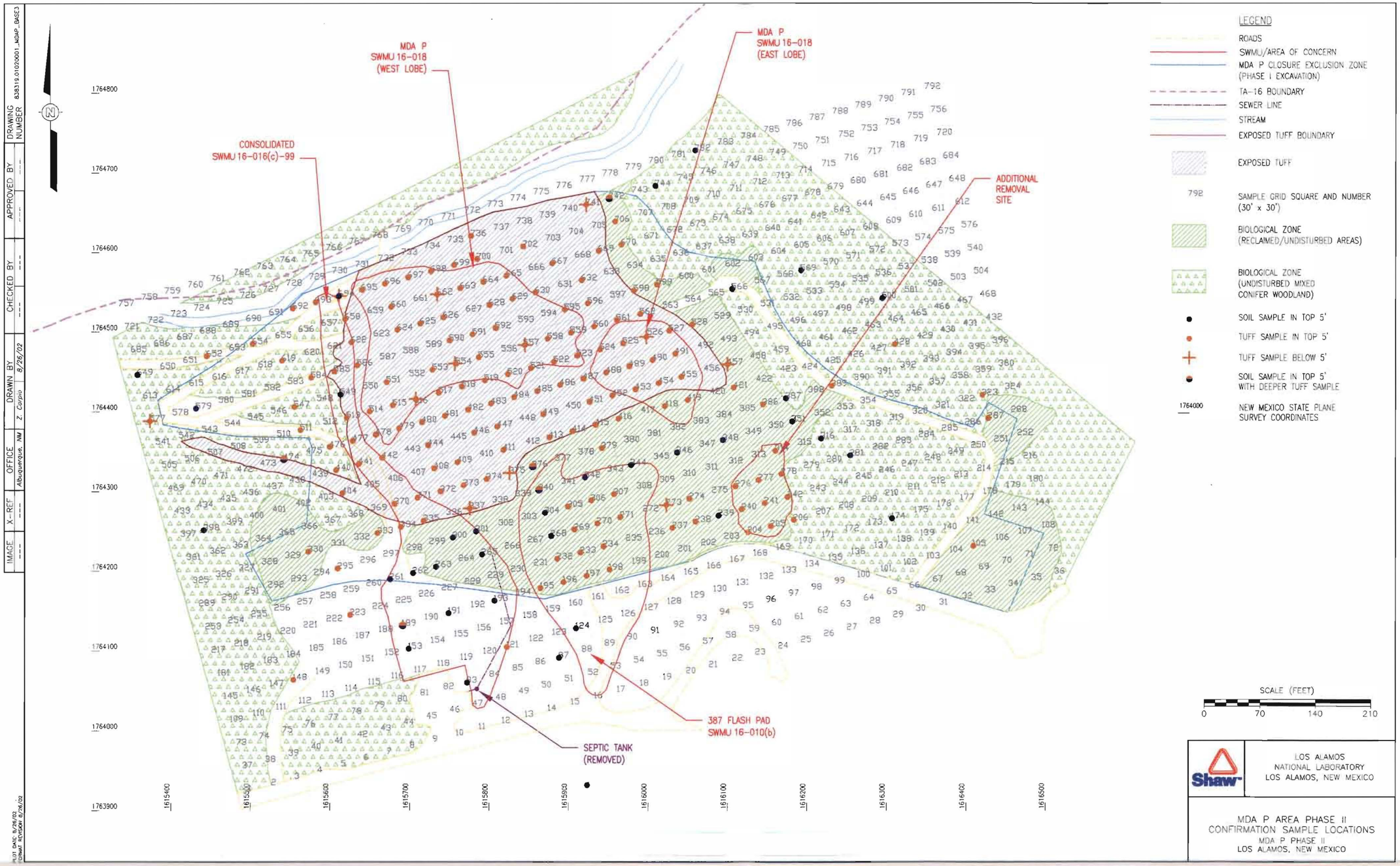

Figure 2.5-1. MDA P Site Phase II sample locations used in the risk assessment

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2.5.3.1.1 Screening Results

Barium and iron are the only noncarcinogens for which the 95% UCL concentrations exceed the 0.1 SAL (Table 2.5-2). The sum of the ratio of each COPC (calculated as the 95% UCL concentration divided by the respective SAL; i.e., the hazard index [HI]) was less than unity (0.8). This indicates that a potential human health hazard is not expected from exposure to co-located noncarcinogenic COPCs at the MDA P Site.

None of the carcinogenic COPCs have a 95% UCL concentration above their respective SALs (Table 2.5-3) and are less than the NMED target risk level of 10^{-5} (NMED 2000, 68554). The cumulative cancer risk for the entire site was 6×10^{-7}. Therefore, exposure in the MDA P Site does not result in a potential unacceptable risk to human receptors.

Table 2.5-2
Comparison of Noncarcinogenic COPCs with SALs (0–5 ft)

Analyte	95% UCL[a] (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals			
Aluminum	6050	7400	74,000
Antimony	0.41	3	30
Barium	**534**[b]	520	5200
Beryllium	0.83	15	150

Table 2.5-2 (continued)

Analyte	95% UCL[a] (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals (continued)			
Cobalt	5.35	450	4500
Copper	6.71	280	2800
Iron	**10,335**	2300	23,000
Lead	9.67	40	400
Mercury	0.02	0.65	6.5
Nickel	4.50	150	1500
Perchlorate	0.03	0.78	7.8
Selenium	0.25	38	380
Silver	0.54	38	380
Vanadium	9.52	53	530
Zinc	49.0	2300	23,000
Organic Chemicals			
Acetone	0.10	160	1600
Amino-2,6-dinitrotoluene[4-][c]	0.15	6.1	61
Amino-4,6-dinitrotoluene[2-][c]	0.16	6.1	61
Aroclor-1260	0.034[d]	0.11	1.1
Carbon disulfide	0.01	36	360
HMX	0.95	310	3100
Toluene	0.005	18	180
Trinitrobenzene[1,3,5-]	0.14	180	1800

[a] 95% UCL = 95% upper confidence limit of the mean.
[b] Values in bold indicate SAL or 0.1 SAL exceeded by 95% UCL.
[c] 2,6-Dinitrotoluene SAL was used as a surrogate (EPA 2001, 71466).
[d] Data set had <10 samples; 95% UCL could not be calculated; maximum value used.

Table 2.5-3
Comparison of Carcinogenic COPCs with SALs (0–5 ft)

Analyte	95% UCL[a] (mg/kg)	SAL (mg/kg)
Aroclor-1260	0.034[b]	0.22
Bis(2-ethylhexyl)phthalate	0.20	35
Chromium, total	5.28	210
DDT[4,4'-]	0.0035[b]	1.7
RDX	1.89	4.1
Trinitrotoluene[2,4,6-]	0.14	16

[a] 95% UCL = 95% upper confidence limit of the mean.
[b] Data set had <10 samples; 95% UCL could not be calculated; maximum value used.

An additional human health risk analysis is performed to account for potential exposure to a limited area of high COPC concentrations. A residential lot of 5400 ft^2 (~600 m^2) is used to represent the limited potential exposure area. A residential lot is selected for both the biological and exposed tuff zones to be consistent with the locations of highest residual barium concentrations (the risk driver for the site). Figure 2.5-2 shows the barium contour and lot layouts for the additional human health risk analysis. The inorganic chemical concentrations are compared to the corresponding BVs for each residential lot. Inorganic chemicals less than the BVs are not evaluated for each lot. Organic chemicals that were not detected within a lot are not evaluated for that lot.

Among the noncarcinogenic COPCs in the biological zone residential lot, only barium has a 95% UCL concentration greater than one-tenth the respective SAL but less than the SAL (Table 2.5-4), similar to the initial screening results. The sum of the ratio of each COPC exposure calculated as the 95% UCL concentration divided by the respective SAL is less than unity (0.4), indicating that a human health hazard is not expected from exposure to co-located noncarcinogenic COPCs in the biological zone lot.

One of the carcinogenic COPCs (RDX) has a 95% UCL concentration above the SAL (Table 2.5-5). The cumulative cancer risk from exposure to carcinogenic COPCs in the biological zone residential lot is approximately 4 x 10^{-6}, which is less than NMED's target risk level of 10^{-5} (NMED 2000, 68554). Therefore, the residential lot in the biological zone does not pose a potential unacceptable risk to human receptors.

Table 2.5-4
SAL Comparison to 95% UCL Concentrations of Noncarcinogens—Biological Zone: 5400 ft^2 Residential Lot (0–5 ft)

Analyte	95% UCL[a] (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals			
Barium	**1584**[b]	520	5200
Copper	12.73	280	2800
Lead	21.8	40	400
Selenium	0.31	38	380
Silver	0.68	38	380
Zinc	58.6	2300	23,000
Organic Chemicals			
Amino-2,6-dinitrotoluene[4-][c]	0.51	6.1	61
Amino-4,6-dinitrotoluene[2-][c]	0.55	6.1	61
HMX	8.03	310	3100

[a] 95% UCL = 95% upper confidence limit of the mean.

[b] Values in bold indicate SAL or 0.1 SAL exceeded by 95% UCL.

[c] 2,6-Dinitrotoluene SAL was used as a surrogate (EPA 2001, 71466).

Table 2.5-5
SAL Comparison to 95% UCL Concentrations of Carcinogens—Biological Zone 5400 ft ^{2} Residential Lot (0–5 ft)

Analyte	95% UCL[a] (mg/kg)	SAL (mg/kg)
Bis(2-ethylhexyl)phthalate	0.26	35
RDX	**17.7**[b]	4.4
Trinitrotoluene[2,4,6-]	0.27	16

[a] 95% UCL = 95% upper confidence limit of the mean.
[b] Values in bold indicate SAL exceeded by the 95% UCL.

Among the noncarcinogenic COPCs in the exposed tuff zone residential lot, aluminum, barium, and iron have 95% UCL concentrations greater than one-tenth their respective SALs (Table 2.5-6). The sum of the ratio of each COPC exposure calculated as the 95% UCL concentration divided by the respective SAL slightly exceeded unity (1.7). However, approximately one-half of the sum is due to iron, which is an essential nutrient. The iron 95% UCL concentration (16,404 mg/kg) is less than the maximum tuff background concentration (19,500 mg/kg) and slightly above the tuff BV of 14,500 mg/kg (LANL 1998, 59730). None of the noncarcinogenic COPCs exceed the SAL at the 95% UCL concentration.

RDX is the only carcinogenic COPC with a 95% UCL concentration above its respective SAL (Table 2.5-7). The cumulative cancer risk from exposure to carcinogenic COPCs for the exposed tuff zone residential lot is 1.2×10^{-6}, which is less than NMED's target risk level of 10^{-5} (NMED 2000, 68554). Therefore, the residential lot for the exposed tuff zone does not pose a potential unacceptable risk to human receptors.

Table 2.5-6
SAL Comparison to 95% UCL Concentrations of Noncarcinogens in Exposed Tuff Zone, 5400 ft^2 Residential Lot (0–5 ft)

Analyte	95% UCL (mg/kg)	SAL (mg/kg)	0.1 SAL (mg/kg)
Aluminum	**10,415**[a]	74,000	7400
Amino-2,6-dinitrotoluene[4-][b]	0.27	61	6.1
Amino-4,6-dinitrotoluene[2-][b]	0.34	61	6.1
Antimony	0.50	30	3
Barium	**3834**	5200	520
Beryllium	1.75	150	15
Cobalt	45.6	4500	450
Copper	6.9	2800	280
HMX	1.6	3100	310
Iron	**16,404**	23,000	2300
Nickel	5.68	1500	150
Selenium	0.49	380	38
Trinitrobenzene[1,3,5-]	0.1	1800	180
Vanadium	14.4	530	53
Zinc	50.7	23,000	2300

[a] Values in bold indicate SAL or 0.1 SAL exceeded by 95% UCL.
[b] 2,6-Dinitrotoluene SAL was used as a surrogate (EPA 2001, 71466).

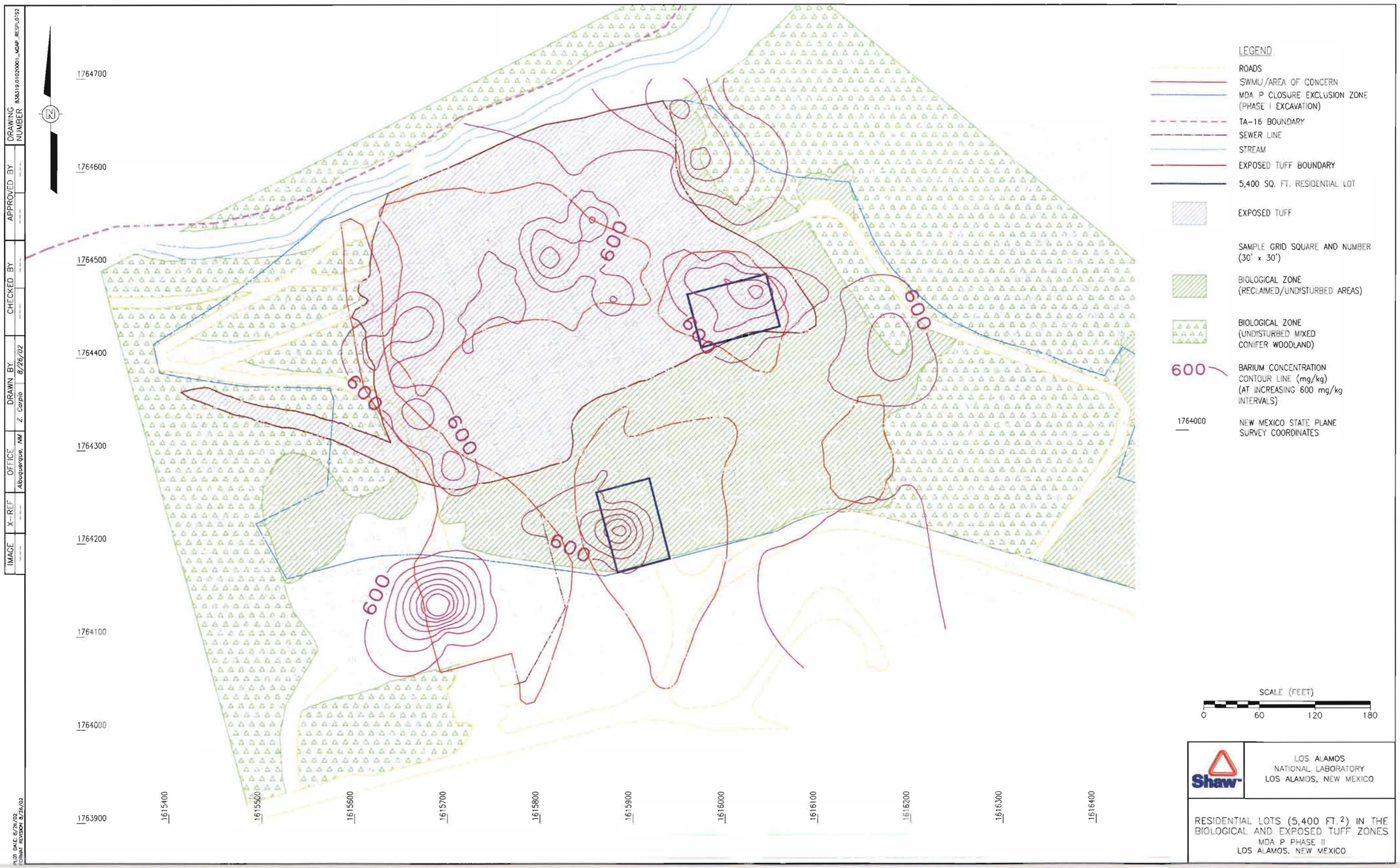

Figure 2.5-2. Residential lots (5400 ft^2) in the biological and exposed tuff zones

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Table 2.5-7
SAL Comparison to 95% UCL Concentrations of Carcinogens in Exposed Tuff Zone 5400 ft^2 Residential Lot (0–5 ft)

Analyte	95% UCL (mg/kg)	SAL (mg/kg)
Chromium	7.8	210
RDX	**5.63**[a]	4.4
Trinitrotoluene[2,4,6-]	0.15	16

[a] Values in bold indicate SAL exceeded by 95% UCL.

PRG Comparison of SAL Exceedances. The MDA P closure plan (LANL 1995, 58713) indicated that the closure certification report would provide a "PRG comparison of the Phase II grid confirmatory analytical results that exceeded SALs." The intent of this comparison is to determine whether the operational PRGs had been met during Phase I excavation and removal activities, even if SALs were exceeded in some samples. Some samples exceeded the SALs of the two chemicals for which operational PRGs were used to determine cleanup levels during Phase I: barium and RDX. The operational PRG of 2000 mg/kg for barium was exceeded in four grid cells (006, 232, 670, 742), and the operational PRG of 16 mg/kg for RDX was exceeded in three grid cells (232, 306, and 670). However, the risk screening results presented indicate that residual concentrations of barium and RDX, both for the site as a whole and smaller areas with elevated barium or RDX concentrations, do not present a potential unacceptable risk to human health.

2.5.3.1.2 Uncertainty Analysis

The analysis presented in the human health screening assessments is subject to varying degrees and kinds of uncertainty. Aspects of data evaluation and COPC identification, exposure assessment, toxicity assessment, and the additive approach all contribute to uncertainties in the risk assessment process.

(a) Data Evaluation and COPC Identification Process

A primary uncertainty associated with the COPC identification process (as presented in Appendix A) is the possibility that a chemical may be inappropriately identified as a COPC. It is unlikely that inorganic chemicals are inappropriately excluded as COPCs because the only detected inorganic chemicals excluded are those determined to be less than the associated BV or those with data sets not significantly different than background. Aluminum and iron in the exposed tuff zone residential lot and iron in the site-wide comparison have 95% UCL concentrations greater than 0.1 of the respective SAL, but less than the SAL. Concentrations measured in soil and tuff at the MDA P Site for these two inorganic chemicals are not a potential risk for human health for two reasons: (1) the high values for these inorganic chemicals are in the tuff and are, thus, unavailable for exposure; and (2) the 95% UCL concentrations are within the range of soil and tuff background concentrations (LANL 1998, 59730), indicating that exposure to site-wide or residential lot concentrations is similar to background. Also, iron is an essential nutrient for which concentrations in soil would need to be substantially higher than background before they become a concern to human health. Thus, HI values calculated for the whole area and the residential lots are primarily due to barium and are less than 1.0.

It is unlikely that organic chemicals are inappropriately excluded as COPCs because the only detected organic chemicals not retained for analysis are those that were detected in less than 5% of the confirmation samples, per EPA guidance (EPA 1989, 08021).

Uncertainties associated with the organic and inorganic chemical data include sampling errors, laboratory analysis errors, and data analysis errors. For the MDA P Site, these uncertainties are expected to have little effect on the results even though many detected concentrations of organic COPCs were qualified J, indicating that the values are less than EQLs and can only be estimated.

(b) Exposure Assessment

Three main uncertainties are identified in the exposure assessment process:

1. *Identification of Receptors*. The human health screening evaluation is a conservative comparison of the 95% UCL concentration with SALs based upon a residential land-use scenario. To the degree that actual activity patterns are not represented by those activities assumed by the residential land-use scenario, uncertainties are introduced in the assessment. Because the potentially exposed individual is an industrial worker, the screening assessment based on a residential scenario overestimates the exposure and, therefore, the potential hazard and risk to human receptors. If, however, future land use becomes residential, the assessment appropriately addresses potential human health risks.

2. *Exposure Pathway Assumptions*. A number of assumptions are made relative to exposure pathways, including: input parameters, whether or not a given pathway is complete, the actual media to which an individual may be exposed, and intake rates for different routes of exposure. In the absence of site-specific data, the exposure assumptions used were consistent with EPA-approved parameters and default values (EPA 2001, 71466). When several upper-bound values (as are found in EPA 2001, 71466) are combined to estimate exposure for any one pathway, the resulting risk can exceed the 99th percentile of "expected risk" and therefore, exceed (overestimate) the range of risk that may be reasonably expected. Also, the assumption that residual concentrations of chemicals in the tuff are available and cause exposure in the same manner as if they were in soil overestimates the potential risk to receptors. Therefore, the HI of 1.7 is an overestimation of the potential hazard at the site within the exposed tuff zone.

3. *Derivation of Exposure Point Concentrations*. Some uncertainty is introduced in the concentration aggregation of data for estimating the representative COPC concentrations (95% UCL) at the site. Risk from a single location or area with relatively high COPC concentrations may be "diluted" by using a representative, site-wide value. This is considered the single, largest uncertainty that may result in the underestimation of potential risk to human receptors. Thus, an additional analysis based on locations with high concentrations of barium (the only COPC to exceed 0.1 SAL in both zones) is performed to address this uncertainty. The use of the 95% UCL is intended to provide a protective, upper bound (e.g., conservative) on the average COPC concentration at the site, which is more likely to lead to an overestimation of the concentration representative of average exposure to a COPC across the entire site.

(c) Toxicity Assessment

The primary uncertainty associated with the SALs is related to the derivation of toxicity values used in their calculation. EPA toxicity values (reference doses [RfDs] and slope factors [SFs]) are used to derive the SALs used in this risk screening assessment (EPA 2001, 70109; EPA 1997, 58968). Uncertainties are identified in three areas with respect to the toxicity values: (1) extrapolation from animals to humans, (2) extrapolation from one route of exposure to another route of exposure, and (3) individual variability in the human population.

1. *Extrapolation from Animals to Humans*. The SFs and RfDs are often determined based on extrapolation from animal data to humans, which may result in uncertainties in toxicity values because differences exist in chemical absorption, metabolism, excretion, and toxic responses between animals and humans. The EPA takes into account differences in body weight, surface

area, and pharmacokinetic relationships between animals and humans to address these uncertainties in the dose-response relationship; however, conservatism is usually incorporated in each of these steps, resulting in the overestimation of potential risk.

2. *Extrapolation from One Route of Exposure to Another Route of Exposure*. The SFs and RfDs often contain extrapolations from one route of exposure to another that result in additional conservatisms in the risk calculations. For example, an extrapolation from the oral route to the inhalation and/or the dermal route was used in this assessment (EPA 2001, 71466) and differences between the two exposure pathways contribute to the uncertainty in the estimation of potential risk at this site.

3. *Individual Variability in the Human Population*. For noncarcinogenic effects, the degree of variability in human physical characteristics is important both in determining the risks that can be expected at low exposures and in defining the no-observed-adverse-effect level (NOAEL). The NOAEL uncertainty factor approach incorporates a 10-fold factor to reflect individual variability within the human population that can contribute to uncertainty in the risk assessment; this factor of 10 is generally considered to result in a conservative estimate of risk to noncarcinogenic COPCs.

(d) Additive Approach

For noncarcinogens, the effects of exposure to multiple chemicals are generally unknown and possible interactions could be synergistic or antagonistic, resulting in either an overestimation or underestimation of the potential risk. Additionally, RfDs used in the risk calculations typically are not based on the same endpoints with respect to severity, effects, or target organs. Therefore, the potential for noncarcinogenic effects can be overestimated for individual COPCs that act by different mechanisms and on different target organs but are addressed additively.

2.5.3.1.3 Interpretation of Results

Overall, the uncertainties associated with the evaluation of human health risks to residual concentrations of COPCs in the soil and tuff of the MDA P Site overestimate potential risk to human receptors. A detailed analysis of risk from exposure at locations with high concentrations of barium (the main risk driver at the site), indicate that no potential unacceptable risk to human health exists in either the biological or exposed tuff zone.

The noncarcinogenic HI values range from 0.8 (site-wide) to 1.7 (exposed tuff zone) based on 95% UCL concentrations; none of the individual COPCs exceeded an HQ of 1.0. Approximately half of the HI of 1.7 (0.7) results from iron, which is an essential nutrient and has a 95% UCL within the range of background concentrations. In addition, COPCs in this lot are in the tuff, so exposure is unlikely; the HI for the exposed tuff zone residential lot overestimates the potential hazard to receptors. Given the uncertainties and the overestimation of the hazard, the HIs for the site and for the residential lots do not exceed NMED's target HI of 1.0 (NMED 2000, 68554) and do not pose a potential hazard to human health.

Concentrations of carcinogenic COPCs are less than their respective SALs. The incremental excess cancer risk range from 6×10^{-7} (site-wide risk) to 4×10^{-6} (residential lot risk). The risk levels are below the NMED target cancer risk level of 10^{-5} (NMED 2000, 68554). Therefore, the site as a whole and the residential lots within each zone do not pose a potential unacceptable risk to human health.

2.5.3.2 Human Health Assessment Summary

The analysis of potential human health risk from the MDA P Site COPCs provides strong evidence that there are no adverse effects from residual concentrations of COPCs. Multiple conservatisms were used in the human health risk assessment that, in combination, lead to overestimations of potential risk, rather

than underestimations. The key assumption/uncertainty that may have resulted in an underestimation of potential risk was the use of site-wide COPC concentrations (95% UCLs) to evaluate risk. However, a detailed analysis of potential risk from exposure at locations representing residential lots with high concentrations of barium (the main risk driver for human health at the site) did not change the initial results based on side-wide concentrations—that there are no adverse effects to human receptors from residual concentrations of COPCs at the MDA P Site.

A detailed human health risk analysis is not required for the MDA P Site because the screening results indicate that there are no potential unacceptable human health risks due to the residual concentrations of COPCs in soil and tuff at the MDA P Site.

2.5.3.3 Ecological Screening Analysis

Because potentially complete exposure pathways exist for COPCs in the biological zone, the following eight terrestrial receptors are evaluated quantitatively in the ecological screening assessment for the biological zone, representing several feeding guilds and trophic levels:

- a plant,
- soil-dwelling invertebrates (represented by the earthworm),
- deer mouse (mammalian omnivore),
- vagrant shrew (mammalian insectivore),
- desert cottontail (mammalian herbivore),
- fox (mammalian carnivore),
- American robin (avian insectivore, omnivore, and herbivore), and
- American kestrel (avian insectivore and carnivore); a surrogate for avian threatened and endangered (T&E) species.

Of the terrestrial receptors evaluated, only the vagrant shrew is not expected to be of concern for the MDA P Site because it requires free water for survival—a medium that does not exist at the site and that has been eliminated from consideration as a potential exposure medium for the MDA P Site footprint. However, because the shrew represents the insectivorous feeding guild for mammals, which is not specifically represented by any of the other terrestrial receptors, the shrew was retained for the MDA P Site screening assessment.

As described in section 2.5.2.2, a quantitative analysis of ecological risk is not performed for the exposed tuff zone, as agreed upon with the NMED and EPA Region 6 (LANL 2002, 73791). The basis for this approach is that exposure pathways are incomplete in this area of the site.

2.5.3.3.1 Screening Results

The screening assessment is a comparison of 95% UCL concentrations with ESLs for each COPC, resulting in a HQ. The comparison is based on the 95% UCL of the mean concentration of each COPC identified for the biological zone, as measured in soil and tuff samples taken from 0 to 5 ft. The higher the contaminant levels relative to the ESLs, the higher the potential risk to receptors; conversely, the higher the ESLs relative to the contaminant levels, the lower the potential risk to receptors. HQs greater than 0.3 are identified as chemicals of potential ecological concern (COPECs) requiring additional evaluation (LANL 1999, 64783). The hazard index (HI) is the sum of HQs; an HI greater than 1.0 is considered an indication of potential adverse impacts to a given receptor from exposure to multiple chemicals at a site.

The HQ/HI analysis is a conservative indication of potential adverse effects and is designed to minimize the potential of overlooking possible COPECs at the site (LANL 1999, 64783).

ESLs are obtained from the Laboratory's ECORISK database version 1.4 (LANL 2002, 72802), as presented in Appendix A, Table 4.3.2-1. All COPCs identified for the biological zone, with the exception of nickel and lead, require further evaluation because one or more HQ exceed 0.3 or because no ESL is available for one or more of the receptors for a given COPC (Table 2.5-8). Nickel and lead are eliminated as COPECs because all receptors have an associated ESL and all HQs are less than 0.3. All other chemicals are discussed in detail below in the problem formulation.

As presented in Table 2.5-8, HI values for the terrestrial receptors range from 1.75 for the top carnivore American kestrel to 464 for the plant. Per EPA guidance (EPA 2000, 73306), aluminum "is identified as a COPC only at sites where the soil pH is less than 5.5." pH levels measured in confirmation samples from the MDA P Site range from 5.8 to 7.4 in tuff and 6.8 to 7.6 in soil, indicating that aluminum at the MDA P Site is unavailable to ecological receptors. With aluminum eliminated, barium and cobalt are the primary contributors to the HI values for each receptor, while vanadium and DDT[4,4] also contribute to the HI for some receptors.

2.5.3.3.2 Problem Formulation

This section provides an evaluation of the initial screening assessment results in the context of assumptions and conservatisms used in the screening process, in order to determine whether or not the results are ecologically meaningful and if additional analysis is required beyond the screening assessment. Table 2.5-8 shows the COPCs that fail the initial screening.

(a) Inorganic COPCs

A number of the HQs determined for inorganic chemicals are not ecologically meaningful estimations of potential risk because the ESLs are below the soil and tuff BVs. Therefore, the HQ/HI analysis was performed again after removing ESLs below the associated soil BV from the analysis (Table 2.5-9, see "NC" entries). All of the inorganic COPCs, except for barium, have seven or fewer detections in soil above the soil BV, indicating that the residual concentrations of inorganic chemicals in the biological zone are in the tuff and are inaccessible to receptors. In addition, the 95% UCL concentrations determined for all inorganic COPCs, except for barium, cobalt, and copper, are within the range of the background concentrations for soil and tuff, indicating that exposure to the representative site concentrations for inorganic COPCs is similar to background. As a result, the majority of the inorganic COPCs (except barium) are not retained as COPECs.

Table 2.5-8
HQ/HI Summary for COPCs in Biological Zone

Analyte	95% UCL[a] 0–5 ft (mg/kg)	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Antimony	4.10E-01	**8.20E+00**[b]	—[c]	—	—	—	—	—	6.61E-02	**4.14E-01**	**7.19E-01**	4.20E-03
Barium	6.56E+02	**6.56E+00**	—	**2.50E+00**	**1.73E+00**	**6.56E-01**	1.43E-02	**3.86E-01**	**1.93E+01**	**1.46E+02**	**2.73E+02**	**1.56E+00**
Chromium	5.95E+00	**2.48E+00**	**4.25E+00**	1.29E-02	1.08E-02	8.80E-03	5.00E-04	1.10E-03	7.00E-04	2.80E-03	8.50E-03	3.00E-04
Cobalt	4.18E+00	**1.67E+01**	—	**8.20E+01**	**4.50E+01**	**9.09E+00**	**6.97E-01**	**1.10E+01**	**8.36E-01**	**2.20E+01**	**4.59E+01**	**4.18E-01**
Copper	7.60E+00	**7.60E-01**	**5.85E-01**	1.96E-02	2.45E-02	2.92E-02	3.00E-04	2.30E-03	2.53E-02	4.47E-02	4.47E-02	9.00E-04
Iron	1.02E+04	—	—	—	—	—	—	—	—	—	—	—
Lead	1.04E+01	2.31E-02	5.20E-03	1.89E-01	1.44E-01	1.04E-01	3.90E-03	2.08E-02	1.12E-02	4.73E-02	1.04E-01	2.30E-03
Nickel	4.65E+00	2.33E-01	4.65E-02	4.70E-03	3.90E-03	2.90E-03	1.00E-04	4.90E-04	5.91E-04	2.20E-03	5.19E-03	2.00E-04
Selenium	2.40E-01	**2.40E+00**	3.12E-02	2.18E-01	1.20E-01	2.40E-02	1.70E-03	2.86E-02	4.40E-03	1.26E-01	2.64E-01	2.20E-03
Silver	7.00E-01	**1.40E+01**	—	5.00E-02	3.68E-02	2.33E-02	2.93E-04	7.03E-03	**1.35E+00**	**5.00E+00**	**7.69E+00**	5.00E-02
Vanadium	1.02E+01	**4.08E+02**	—	**3.64E+00**	**2.00E+00**	**3.64E-01**	2.00E-02	**4.86E-01**	1.29E-02	**5.10E-01**	**1.06E+00**	6.78E-03
Zinc	5.37E+01	**5.37+00**	1.54E-01	**5.54-01**	**4.13E-01**	2.56E-01	1.10E-02	8.14E-02	4.89E-02	6.40E-05	7.57E-05	2.99E-05
Acetone	1.40E-02	—	—	3.33E-07	3.33E-06	6.36E-06	2.50E-09	4.52E-08	3.26E-03	3.68E-03	3.78E-04	—
Amino-2,6-dinitrotoluene[4-]	1.80E-01	2.25E-03	—	—	—	—	—	—	3.10E-02	5.00E-02	3.16E-02	1.94E-04
Amino-4,6-dinitrotoluene[2-]	1.82E-01	2.28E-03	—	—	—	—	—	—	2.17E-02	3.43E-02	2.19E-02	1.40E-04
Aroclor-1260	6.1E-02[d]	—	—	1.39E-01	7.09E-02	4.07E-03	2.77E-02	3.39E-02	9.24E-05	6.10E-03	1.22E-02	1.91E-03
Bis(2-ethylhexyl)phthalate	2.00E-01	—	—	2.00E-01	1.05E-01	8.70E-03	1.18E-01	8.70E-02	5.56E-05	3.28E-03	6.67E-03	3.13E-03
DDT[4,4'-]	7.9E-03[d]	2.14E-03	—	**3.04E+00**	**1.52E+00**	6.58E-02	**8.59E-01**	**8.49E-01**	3.95E-05	3.76E-03	7.90E-03	1.72E-03
HMX	1.33E+00	—	2.66E-03	—	—	—	—	—	2.61E-02	3.09E-02	5.12E-03	3.59E-05
RDX	2.37E+00	2.37E-02	4.74E-03	—	—	—	—	—	2.16E-01	2.58E-01	7.18E-02	4.82E-04

Table 2.5-8 (continued)

Analyte	95% UCL 0–5[a] (mg/kg)	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Toluene	3.30E-03	1.65E-05	—	—	—	—	—	—	2.06E-05	4.52E-05	4.71E-05	2.75E-07
Trinitro-toluene[2,4,6-]	1.80E-01	2.57E-01	2.57E-01	—	—	—	—	—	2.34E-03	3.40E-03	1.80E-03	1.13E-05
HI		**4.64E+02**	**5.34E+00**	**9.29E+01**	**5.11E+01**	**1.06E+01**	**1.75E+00**	**1.30E+01**	**2.19E+01**	**1.74E+02**	**3.29E+02**	**2.05E+00**

[a] 95% UCL = 95% upper confidence limit of the mean.
[b] Value in bold indicates HQ > 0.3 or an HI > 1.0.
[c] — = ESL not available.
[d] 95% UCL could not be calculated; maximum detection was used.

Table 2.5-9
HQ/HI Summary of COPCs with Elimination of ESLs Less Than Background—Biological Zone

Analyte	95% UCL[a] (mg/kg)	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Inorganic Chemicals												
Antimony	4.10E-01	NC[b]	—[c]	—	—	—	—	—	6.61E-02	**4.14E-01**[d]	NC	4.27E-03
Barium	6.56E+02	NC	—	NC	**1.72E+00**	**6.56E-01**	1.43E-02	**3.86E-01**	NC	NC	NC	**1.56E+00**
Chromium	5.95E+00	NC	NC	1.29E-02	1.08E-02	8.75E-03	4.58E-04	1.12E-03	7.44E-04	2.83E-03	8.50E-03	3.31E-04
Cobalt	4.18E+00	NC	—	NC	NC	NC	NC	NC	NC	NC	NC	**4.18E-01**
Copper	7.60E+00	NC	NC	1.95E-02	2.45E-02	2.92E-02	3.45E-04	2.30E-03	2.53E-02	4.47E-02	4.47E-02	8.54E-04
Iron	1.02E+04	—	—	—	—	—	—	—	—	—	—	—
Selenium	2.40E-01	NC	3.12E-02	NC	1.20E-01	2.40E-02	1.74E-03	2.86E-02	4.36E-03	1.26E-01	2.64E-01	2.18E-03
Silver	7.00E-01	NC	—	5.00E-02	3.68E-02	2.33E-02	2.92E-04	7.00E-03	NC	NC	NC	5.00E-02
Vanadium	1.02E+01	NC	—	NC	NC	NC	2.00E-02	NC	1.29E-02	NC	NC	6.80E-03
Zinc	5.37E+01	NC	1.54E-01	**5.54E-01**	**4.13E-01**	2.56E-01	1.10E-02	8.14E-02	4.89E-02	6.40E-05	7.57E-05	2.99E-05

Table 2.5-9 (continued)

Analyte	95% UCL[a] (mg/kg)	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Organic Chemicals												
Acetone	1.40E-02	—	—	3.33E-07	3.33E-06	6.36E-06	2.50E-09	4.52E-08	3.26E-03	3.68E-03	3.78E-04	—
Amino-2,6-dinitrotoluene[4-]	1.80E-01	2.25E-03	—	—	—	—	—	—	3.10E-02	5.00E-02	3.16E-02	1.94E-04
Amino-4,6-dinitrotoluene[2-]	1.82E-01	2.28E-03	—	—	—	—	—	—	2.17E-02	3.43E-02	2.19E-02	1.40E-04
Aroclor-1260	6.1E-02[e]	—	—	1.39E-01	7.09E-02	4.07E-03	2.77E-02	3.39E-02	9.24E-05	6.10E-03	1.22E-02	1.91E-03
Bis(2-ethylhexyl)phthalate	2.00E-01	—	—	2.00E-01	1.05E-01	8.70E-03	1.18E-01	8.70E-02	5.56E-05	3.28E-03	6.67E-03	3.13E-03
DDT[4,4'-]	7.9E-03[e]	2.14E-03	—	**3.04E+00**	**1.52E+00**	6.58E-02	**8.59E-01**	**8.49E-01**	3.95E-05	3.76E-03	7.90E-03	1.72E-03
HMX	1.33E+00	—	2.66E-03	—	—	—	—	—	2.61E-02	3.09E-02	5.12E-03	3.59E-05
RDX	2.37E+00	2.37E-02	4.74E-03	—	—	—	—	—	2.15E-01	2.38E-01	7.18E-02	4.84E-04
Toluene	3.30E-03	1.65E-05	—	—	—	—	—	—	2.06E-05	4.52E-05	4.71E-05	2.75E-07
Trinitrotoluene[2,4,6-]	1.80E-01	2.57E-01	2.57E-01	—	—	—	—	—	2.34E-03	3.40E-03	1.80E-03	1.13E-05
HI		2.88E-01	4.49E-01	**4.01E+00**	**4.03E+00**	**1.08E+00**	**1.05E+00**	**1.48E+00**	4.58E-01	**9.77E-01**	4.76E-01	**2.05E+00**

[a] 95% UCL = 95% upper confidence limit of the mean.

[b] NC = HQ not calculated because the ESL is < the BV.

[c] — = ESL not available.

[d] Bold indicates HQ > 0.3 or an HI > 1.0.

[e] 95% UCL could not be calculated; maximum detection was used.

(b) Organic COPECs

Table 2.5-8 shows DDT[4,4'-] is the only organic chemical that fails the initial screening because of HQs greater than 0.3 (for the insectivorous and omnivorous robin and both kestrels). However, DDT[4,4'-] was detected in only one soil sample and had HQs of 3.0 or less, which are not expected to result in adverse population-level effects to the robin or kestrel. Therefore, DDT [4,4'-] is not retained as a COPEC for the biological zone.

Three organic chemicals (acetone, Aroclor-1260, and bis[2-ethylhexyl]phthalate) have ESLs for most or all of the wildlife receptors and all HQs are less than 0.3. Furthermore, these COPCs were detected in only one sample (acetone and Aroclor-1260) or eight samples (bis[2-ethylhexyl]phthalate). Because of the low number of detected concentrations, these COPCs are not expected to drive adverse population-level effects. All detected concentrations for these COPCs are at or below the maximum EQLs, indicating that only trace concentrations are present at the site. Although there are no ESLs for these COPCs for plants and invertebrates, the plants at the site are healthy. Because these organic chemicals are infrequently detected at low concentrations, and HQs for receptors with ESLs are less than 0.3, acetone, Aroclor-1260, and bis[2-ethylhexyl]phthalate are not retained as COPECs.

The remaining organic COPCs (amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], HMX, RDX, toluene, trinitrotoluene[2,4,6-]) have mammalian ESLs, but are lacking ESLs for the avian receptors and may also lack an ESL for either the plant or invertebrate. All HQs for the mammalian receptors are less than 0.3, and in many cases are at least an order of magnitude lower than 0.3; thus, there is no further evaluation warranted for the mammalian receptors. The plants observed at the site during a recent site visit (August 28, 2002) appeared healthy and no observable adverse effects to the flora were noted, indicating that plants are not being adversely affected by residual concentrations of COPCs in the biological zone and that no additional evaluations are required for the plants. If a ten-fold uncertainty factor were applied to the available mammalian ESLs and used to estimate avian HQs, the resulting HQs would be less than 1.0 for all avian receptors except for potential exposure to RDX, where the resulting HQs are greater than 1.0 but less than 5.0. Lastly, except for RDX, which was detected across the site in both soil and tuff, there are a limited number of detections of organic chemicals in soil, indicating that the residual concentrations of these organic chemicals in the biological zone are in the tuff. Because of the low number of detected concentrations in soil and given the time required for the weathering of the tuff to become an exposure medium for receptors, these organic chemicals in tuff are not expected to cause adverse population-level effects.

(c) Problem Formulation Summary

The COPECs barium and RDX warrant further site-specific evaluation in an ecological risk assessment. All other inorganic and organic chemicals identified as COPCs are eliminated as COPECs for the MDA P Site. COPCs in the tuff are not of concern for the receptors at the MDA P Site or in Cañon de Valle because the exposure pathways are incomplete. Future exposures to COPECs in tuff are directly related to the rate of weathering, which is slow and not likely to result in adverse ecological impacts.

Barium is retained for additional assessment because HQs indicate potential risk to all ecological receptors except the kestrel top carnivore (the surrogate for avian T&E receptors). RDX is also recommended for additional analysis because the avian receptors lack ESLs and estimated HQs based on assumptions related to available mammalian ESLs indicate that the potential risk to avian receptors could not be definitively eliminated.

2.5.3.4 Ecological Assessment Summary

Because the MDA P Site has been disturbed by the removal of contaminated waste, soil, and tuff, the site either does not have any suitable habitat for ecological receptors or is in the process of being re-established. Cañon de Valle has comparable COPECs at similar or higher concentrations than detected at the MDA P Site and is used to illustrate whether residual contaminant concentrations may pose potential adverse ecological effects at the MDA P Site.

The contaminant signatures and inventories in Cañon de Valle are expected to be the worst-case condition because the MDA P Site has been excavated and other sources of contaminant discharges to the canyon have been eliminated/remediated. Because of the source removal/remediation activities, contaminant concentrations will decline and inventories will dissipate with the continued influence of hydrologic processes in the canyon, thereby further decreasing potential ecological impacts from residual contamination at the MDA P Site. More details of the ecological assessment are provided in Appendix A.

The ecological assessment considers terrestrial effects for the MDA P Site and aquatic and terrestrial effects in the canyon. The data used to support this assessment include

- post-excavation Phase II confirmation sample data for the MDA P Site;
- sediment profile data collected in 1996 for the active channel in Cañon de Valle;
- overbank samples collected for the fluvial geomorphology characterization in 1999;
- water samples collected from April 1994 to March 1999;
- small mammal population and contaminant body burden data collected in 2001;
- sediment toxicity test results collected in 2001; and
- synoptic benthic macro-invertebrate community data collected in 1996 and 1997.

The data sources are subset to assess the MDA P Site impacts where these data extend substantially beyond the area of influence for the MDA P Site or where the data show concentration trends in the canyon that are not relevant to the MDA P Site.

The MDA P Site is one of several historic contaminant sources to Cañon de Valle and is not the dominant source. The 260 outfall [SWMU 16-021(c)-99] is the dominant source of contaminants for the canyon (LANL 1998, 59891). Additionally, MDA R (SWMU 16-019) and the silver outfall (SWMU 16-020), up-canyon from the MDA P Site, are also contributors of contaminants. Figures 2.5-3 and 2.5-4 show the down-canyon profile of barium concentrations for the overbank soils and the active channel sediments, including the location of the MDA P Site, downgradient of the 260 outfall. The zero distance is the location of the 260 outfall. The overbank plot shows five locations with elevated concentrations of barium between the 260 outfall and the MDA P Site. All the other overbank data show a lack of trend with location in the canyon. The active channel sediment plot includes a locally smoothed line fit to approximate and average barium concentration with location in the canyon. The active channel shows a barium concentration decline below the MDA P Site. Both plots show higher barium concentrations up-gradient of the MDA P Site reach. These plots indicate that the MDA P Site has not been, nor currently is, a major contributor of barium to the canyon. Other COPCs have similar patterns.

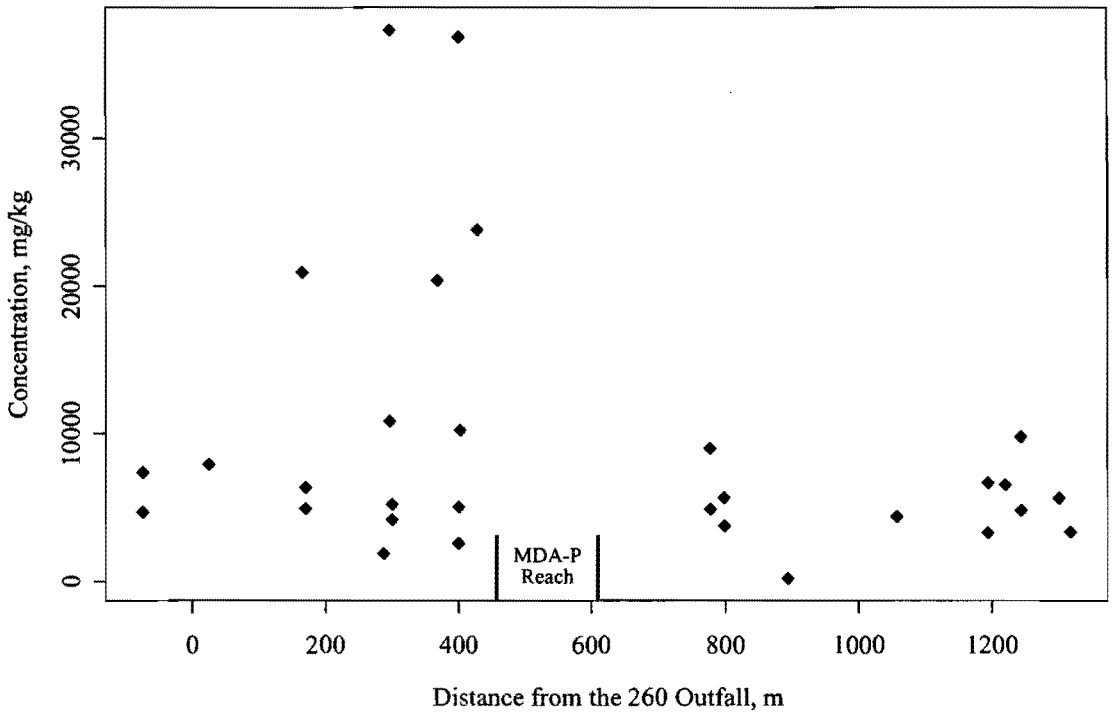


Figure 2.5-3. Down-canyon profile of barium concentrations for the overbank soils

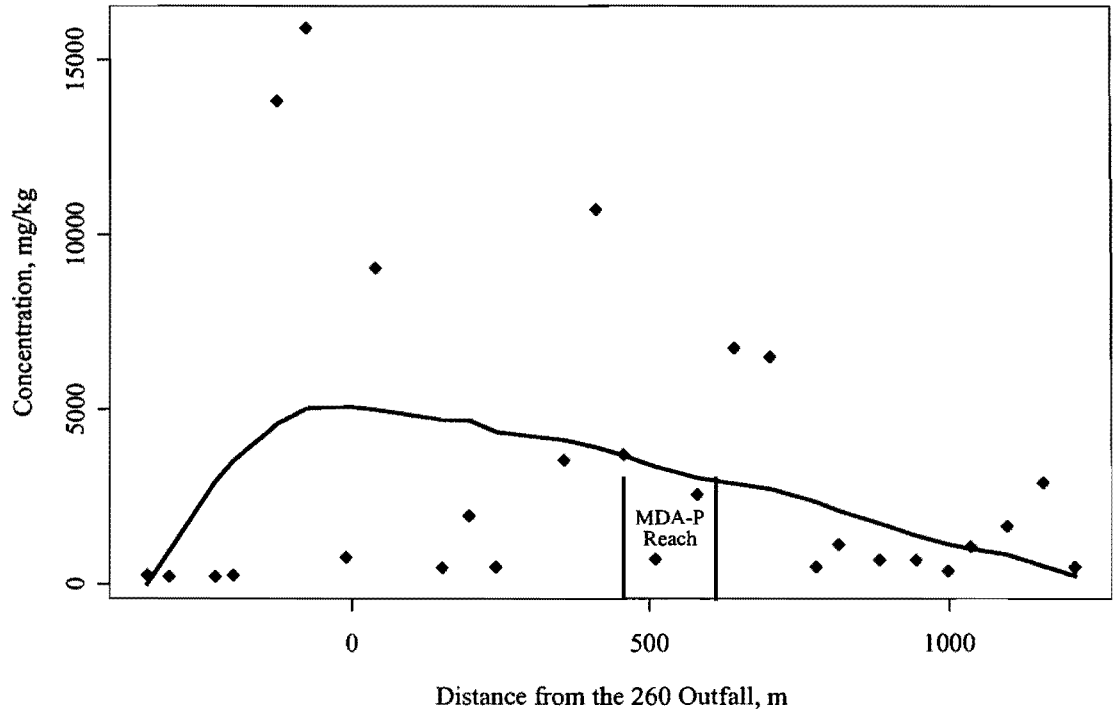


Figure 2.5-4. Down-canyon profile of barium concentrations for the active channel sediments

The COPC concentration patterns, as represented by the barium plots, indicate that ecological investigations for adverse effects in Cañon de Valle that include the reach below the MDA P Site are also useful for evaluating historic effects from the MDA P Site.

2.5.3.4.1 Identification of COPECs for Cañon de Valle Receptors

The identification of Cañon de Valle COPECs for terrestrial and aquatic receptors is described in Appendix A, section 5.3.2 and are summarized below.

- Six COPECs were identified in overbank soils that exceed the ESLs for terrestrial receptors: barium, silver, lead, copper, HMX, and RDX.
- Six COPECs were identified in water that exceeded the ESLs for aquatic receptors: aluminum, barium, cadmium, cobalt, manganese, and silver.
- Ten COPECs were identified in active channel sediments that exceeded the ESLs for aquatic receptors: barium, cobalt, copper, lead, silver, thallium, vanadium, di-n-butylphthalate, HMX, and RDX.

2.5.3.4.2 Cañon de Valle Field Studies Introduction

The environmental values, or assessment endpoints, to be protected for Cañon de Valle consist of features of the canyon relative to the surrounding landscape and the resident threatened species. Cañon de Valle is one of many canyons incised into the Pajarito Plateau. This canyon has a perennial spring and an alluvial seep in the vicinity of the TA-16 facilities. The presence of water in the canyon is ecologically important to the viability of many species in this semi-arid environment. Additionally, the canyon supports a multi-leveled overstory of mixed conifer, aspen, and oak, with grasses and forbs on overbanks and terraces. The combination of perennial water and diverse vegetation make the canyon a relatively attractive location for endemic fauna. The Mexican spotted owl, a threatened species, has a nesting site down-canyon from the MDA P Site and is likely to hunt in the canyon.

The following assessment endpoints were addressed in the focused Cañon de Valle assessment:

- community viability of small mammals as an indication of contaminant impacts upon maximally exposed taxa across trophic levels and foraging guilds in the terrestrial environment;
- contaminant concentrations in the food web as an indication of potential impacts to carnivores, including the Mexican spotted owl, a resident threatened species in the canyon, below the MDA P Site; and
- capacity of the perennial reach of the canyon to support an aquatic community as an indication of the extent to which contaminants have impaired sediment and water quality.

The specific measures of effects used to assess small mammal community viability and food web contaminant concentrations are

- number of small mammal species,
- population density estimates of small mammals,
- reproductive status classes for each small mammal species,
- small mammal body weights, and
- small mammal contaminant body burdens.

The specific measures of effects used to assess the capacity of the canyon's aquatic system to support an aquatic community are

- number of benthic macro-invertebrate species,
- presence of sensitive species,
- benthic macro-invertebrate community metrics,
- *Chironomus tentans* toxicity test survival, and
- *C. tentans* toxicity test growth.

(a) Terrestrial Study

Small mammal community is a practical choice for biota sampling for adverse terrestrial effects in Cañon de Valle. Small mammals reside in the canyon year-round and the populations are sufficiently abundant to provide multiple individuals for population estimates and to determine the amounts of contaminants taken up and stored by individuals in their body tissues, i.e., contaminant body burdens. Additionally, small mammals are dominant prey species for the carnivores active in the canyon, including the Mexican spotted owl. Contaminant body burden data from small mammals provides the information necessary to make direct estimates of contaminant intake by carnivores, obviating most of the assumptions in contaminant transfer models. Small mammals were collected from Cañon de Valle and Pajarito Canyon, the latter being a reference (i.e., uncontaminated) location. Pajarito Canyon was selected as the reference canyon based on its similarity to Cañon de Valle with respect to topography, elevation, water presence and quantity, vegetation, and burn severity from the Cerro Grande Fire in 2000. Trapping was conducted during May 2001 and again in September to October 2001. The lines of evidence evaluated are number of species, body weight, reproductive status classes for each species, population density estimates, and contaminant body burdens.

The trophic level of a small mammal species generally influences the rate of accumulation of contaminants relative to soil concentrations. Sample et al. (1998, 72726) found that bioaccumulation is highest in insectivores and lowest in herbivores. Three endpoint species under consideration are the mountain cottontail (an herbivore), the deer mouse (an omnivore), and the dusky shrew (an insectivore). Based upon home range, the potential for bioaccumulation, and prey size preferences of the Mexican spotted owl, the dusky shrew and deer mouse populations are best suited for assessing contaminant transfers to top carnivores. Given the propensity for higher body burdens, these species are also likely to elicit population responses to COPECs if such responses are occurring. If necessary, the differences in diet between the two mammals can be used to differentiate body burdens associated with trophic levels. Finally, the reproductive rate of these species is such that individuals removed for analysis will be quickly replaced within the populations and negative consequences to the food chain from sampling are very unlikely. The body burden data are used to compare COPEC concentrations between Cañon de Valle and the reference canyon and to estimate the dose of COPECs to the Mexican spotted owl. Individuals were sacrificed for body burden analysis and samples were submitted to the analytical laboratory for analysis of HE and TAL metals. The details of the calculated minimum detection limits for estimating risk relevant doses to the Mexican spotted owl are provided in "Cañon de Valle Terrestrial Ecological Risk Assessment Pilot, Steps Four and Five: Study Design and Implementation Plan" (Tardiff 2002, 73764).

The terrestrial study data indicate that both the number of species (Table 2.5-10) and the population densities (Table 2.5-11) of small mammals are greater in Cañon de Valle than in the reference (i.e., uncontaminated) site, Pajarito Canyon. The dusky shrew, selected as a study species, was not trapped on any of the field collection/trapping dates. Additionally, Cañon de Valle consistently had more

reproductive status classes than Pajarito Canyon (Table 2.5-10). These results indicate that the contaminant inventories in Cañon de Valle are not adversely affecting the small mammal community.

A comparison of body weights, by species, shows no differences between the canyons except for brush mice when the sexes are combined. However, this difference in weights is associated with a relatively large number of non-reproductive individuals in Cañon de Valle and indicates that the brush mouse population in Cañon de Valle is more active with regard to reproduction because Cañon de Valle has more individuals transitioning from juvenile to reproductive status.

Figure 2.5-5 shows box plots of deer mouse body burden data, with a cursor line representing the Mexican spotted owl ESL. The analysis of contaminant body burdens for small mammals show that the whole-mouse concentrations (of barium, copper, lead, silver, HMX, and RDX) are well below ESLs for the Mexican spotted owl. These data indicate that the contaminant inventories in Cañon de Valle are not posing a food chain risk to the owl.

(b) Aquatic Study

Synoptic benthic macro-invertebrate surveys and toxicity testing with *Chironomus tentans* were selected for assessing adverse effects in the Cañon de Valle aquatic system. The study design is summarized below and fully described in "Cañon de Valle Aquatic Ecological Risk Assessment Pilot, Steps Four, Five, and Six: Study Design and Implementation Plan" (Tardiff 2003, 73730).

(b1) Biotic Survey

Cañon de Valle is somewhat limited in survey options for aquatic resources because it is a very small stream that does not support fish. The lack of fish is due to the perennial reach being disconnected from any larger body of water and its small dimensions (average width 50 cm, average depth 7 cm), and lack of sufficient pool cover to protect fish populations from freezing and drought.

The benthic macro-invertebrate community is an appropriate option for a synoptic survey. The species in this community reside in or on sediments, are continually exposed to the contaminants in the water column, and they feed on detritus and microorganisms. The consumption of microorganisms incorporates food chain effects into the macro-invertebrate exposures. This community was surveyed in 1996 and 1997 and was shown to be well-developed in Cañon de Valle (NMED 1999, 73769). These data are used to assess community effects in Cañon de Valle relative to the reference stream reaches on the Pajarito Plateau.

A synoptic survey of benthic macro-invertebrates was conducted for riffle habitat in Cañon de Valle, Pajarito Canyon, Los Alamos Canyon, and Guaje Canyon. The latter three canyon reaches are reference streams. The lines of evidence evaluated are number of species, presence of sensitive species, and comparisons of community metrics between the two canyons. Three taxa in the orders Ephemeroptera, Plecoptera, and Trichoptera (EPT), generally considered to be sensitive to pollutants, were measured in the canyons. Their presence at a site indicates that if pollution is present, it is most likely at low levels. The second metric consists of the ratio of EPT to EPT plus the Chironomids. Chironomidae is one of the taxonomic families of true flies. They are typically tolerant of pollution-impacted conditions. If they dominate the assemblage of taxa for a site, then the site may warrant evaluation for pollution impacts. The third metric is the community tolerance dominance quotient (CTDq) from the biotic community index of Winget and Mangum (1979, 75926). For the first two metrics, larger values indicate better site quality. For the CTDq, lower values indicated better site quality.

Table 2.5-10
Cañon de Valle Small Mammal Trapping Results for Spring and Fall 2001, Number of Individuals by Species and Reproductive Status

	Juvenile Female	Juvenile Male	Pregnant Female	Lactating Female	Non-Reproductive Female	Non-Scrotal Male	Scrotal Male	Totals
Spring 2001								
Cañon de Valle								
Deer Mouse[a]	2		1	2	3	5	8	21
Montane Vole[b]				1		3		4
Totals	2		1	3	3	8	8	25
Pajarito Canyon								
Deer Mouse					2	2	4	8
Montane Vole							1	1
Totals					2	2	5	9
Fall 2001								
Cañon de Valle								
Deer Mouse	6	3		3	6	5	2	25
Brush Mouse[c]			1	1	7	8		17
Pinyon Mouse[d]					1			1
Western Harvest Mouse[e]	2	2	2	1	2	3		12
Wood Rat[f]						4		4
Totals	8	5	3	5	16	20	2	59
Pajarito Canyon								
Deer Mouse		2	2	1	5	6	1	17
Brush Mouse			1	1	3	2	1	8
Wood Rat				1		1	1	3
Totals		2	3	3	8	9	3	28

[a] *Peromyscus maniculatus.*

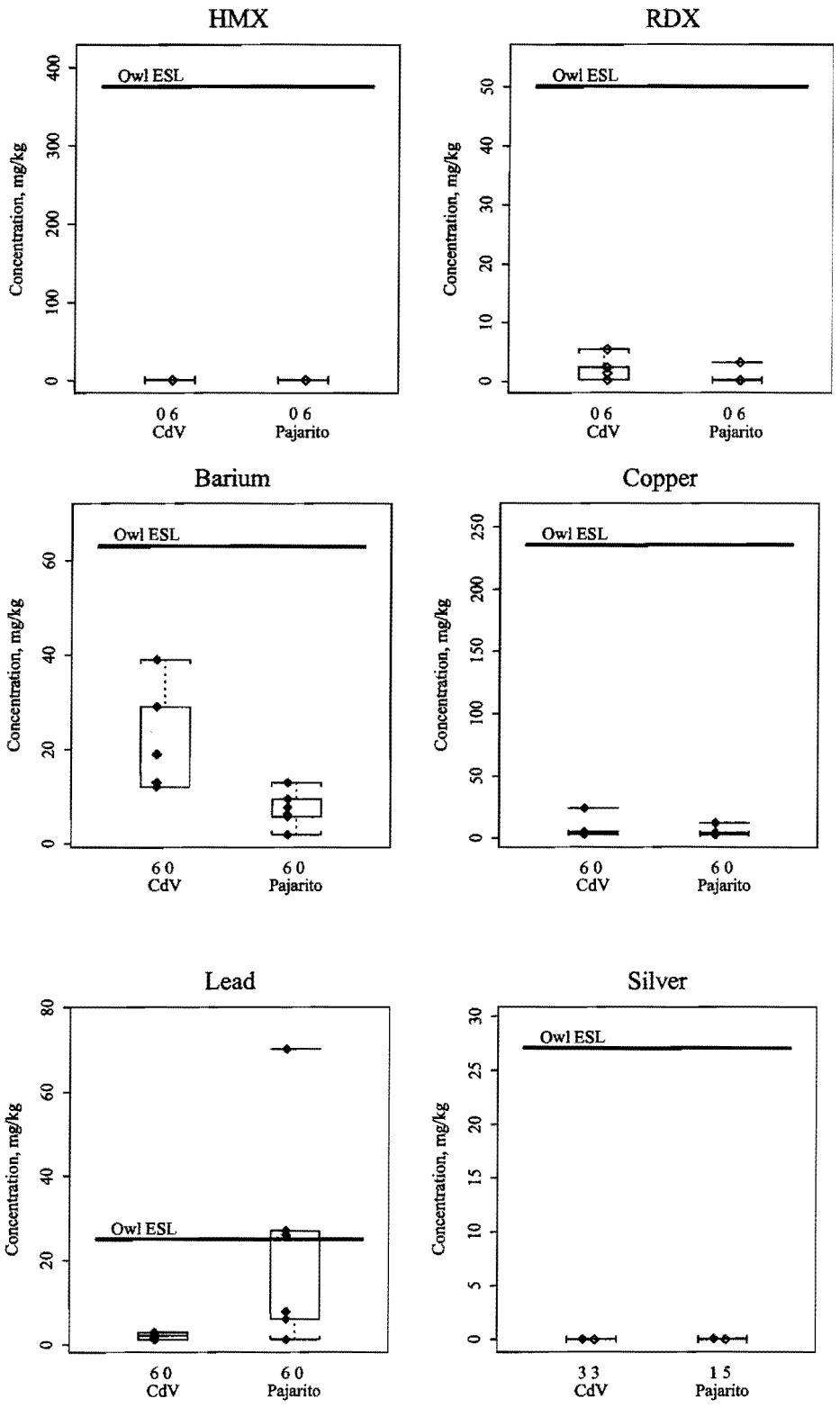
[b] *Microtus montanus.*

[c] *Peromyscus boylii.*

[d] *Peromyscus truei.*

[e] *Reithrodontomys megalotis.*

[f] *Neotama mexicana.*



Numbers above data groups are detects (solid symbol) and nondetects (open symbol)

Figure 2.5-5. Deer mouse contaminant body burdens

Table 2.5-11
Deer Mouse Population Density Estimates by Trapping Grid and Season

Location	Spring 2001 individuals/ha (95% CI[a])	Fall 2001 individuals/ha (95% CI)
Cañon de Valle, Upper Grid	10.5 (4)	NA[b]
Cañon de Valle, Lower Grid	24 (9)	144 (66)
Pajarito Canyon, Upper Grid	7.1 (3.8)	11.3 (7.5)
Pajarito Canyon, Lower Grid	9.1 (4.1)	18.7 (8)

[a] CI = confidence level.

[b] NA = not applicable; population density not calculated because new capture data are nonlinear (5,4,8,6). See text for explanation.

The benthic macro-invertebrate study results show that the total number of benthic macro-invertebrate taxa in Cañon de Valle (33) is within the range of values for the three reference reaches (25 to 42): Pajarito, Guaje, and upper Los Alamos Canyons. Sensitive species are present in Cañon de Valle, with the total number of sensitive species (EPT = 6) being lower than in the reference reaches (EPT = 10, 16, and 18) (Table 2.5-12). This result corresponds to the comparisons of community metrics for the reaches. The EPA Rapid Bioassessment Protocol (EPA 1999, 73728) characterizes a community metric reference comparison of >79% as "full support" and a reference comparison of 70-79% as "full support, impacts observed." The Cañon de Valle community metric score of 81% is slightly above the cut-off for impacted streams (79%) when compared to Pajarito Canyon, the most similar reference stream. There are two possible sources of these differences. First, the scraper community is substantially reduced in Cañon de Valle primarily because of a lack of habitat to support that feeding strategy rather than contaminant impacts. When the community metrics are summed without the scraper community metric, Cañon de Valle has a community metric score of 90% relative to Pajarito Canyon. The second source of differences between Cañon de Valle and the references reaches is stream size. Cañon de Valle is the smallest of the streams and it is common for smaller streams to have fewer taxa. Thus, the difference in the community metric scores of Cañon de Valle and Pajarito Canyon is not due to contaminants in Cañon de Valle, but is attributed to the lack of habitat in Cañon de Valle to support a scraper community and the smaller size of the stream.

(b2) Toxicity Test

Two general approaches are available for conducting toxicity tests: the use of water column test organisms or sediment-dwelling test organisms. Given the nature of the aquatic system in Cañon de Valle, organisms that live in sediments are more representative of contaminant exposures to endemic biota than are water column organisms.

The midge, *C. tentans*, is a toxicity test organism that is well-documented for its toxic responses to contaminants, widely used in toxicity testing, and is reared from laboratory populations. Additionally, the genus Chironomus is present in Cañon de Valle. A cursory literature review provided in ASTM (1995, 73729) indicates that the test species, *C. tentans*, was among the most sensitive of 24 species evaluated with Great Lakes sediments. In various studies, the midge tended to be less sensitive than *Hyalella azteca* for some metals and equivalent to or more sensitive than *H. azteca* for pesticides. A study by DeFoe and Ankley (1998, 73783) showed that the sensitivity of the *C. tentans* 10-day test is greatly increased by measuring growth in addition to survival. While a single species cannot represent the toxic responses for all the members of the community, *C. tentans* is related to the Cañon de Valle aquatic

community and appears to have contaminant sensitivities that can indicate whether adverse effects are present.

Sediment samples were collected in Cañon de Valle and Starmer's Gulch for toxicity testing with *C. tentans* using the EPA 10-day survival and growth protocol with daily static renewal using site water (EPA 2000, 73776). The lines of evidence evaluated are survival and growth of the test organisms (Pacific Ecorisk 2001, 73775).

Table 2.5-12
Sensitive Species Metrics for Cañon de Valle Relative to Three Reference Sites

	Cañon de Valle, 2.6	Los Alamos Canyon, 13.0	Pajarito Canyon, 9.0	Guaje Canyon, 10.0
EPT[a]	6	18	10	16
EPT/EPT + Chironomids	0.66	0.25	0.84	0.90
CDTq[b]	91.0	71.4	80.0	62.0

[a] EPT = Ephemeroptera, plecoptera, and trichoptera.
[b] CDTq = Community tolerance dominance quotient.

The sediment toxicity test results show that the Cañon de Valle reach above MDA P is impacted relative to the reference site in Starmer's Gulch, but that the reach potentially influenced by the MDA P Site is not impacted (Table 2.5-13). Survival of the test organisms was higher below the MDA P Site (86.25% survival) than above it (68.75% survival), relative to Starmer's Gulch (82.5% survival). Similarly, the comparisons of larval growth showed impacts above the MDA P Site reach (mean ash-free dry weight of 0.38 mg/individual) but not below (mean ash-free dry weight of 0.4 mg/ individual), relative to Starmer's Gulch (mean ash-free dry weight of 0.44 mg/individual).

Table 2.5-13
Data Summaries of Sediment and Water Toxicity Testing with *Chironomus tentans*

Group	Minimum	1st Quarter	Median	Mean	3rd Quarter	Maximum
Percent Survival Data Summaries Starting number is 10 individuals per replicate, with 8 replicates per site						
Starmer's Gulch	60	77.5	90	82.5	90	90
Above MDA P	30	60.0	75	68.75	80	90
Below MDA P	70	80.0	90	86.25	90	100
Growth Data Summaries Ash-free dry weight, mg/individual, based upon surviving individuals						
Starmer's Gulch	0.34	0.43	0.44	0.4356	0.46	0.52
Above MDA P	0.34	0.35	0.37	0.3756	0.38	0.44
Below MDA P	0.35	0.37	0.39	0.3956	0.40	0.50

2.5.3.4.3 MDA P Site and Cañon de Valle COPC Concentration Comparisons

Two COPECs in the MDA P Site biological zone soil are carried forward for ecological risk assessment: barium and RDX, both of which are present at elevated concentrations in the Cañon de Valle soils and

sediments. The ecological risk assessment approach for these contaminants in MDA P Site soils is to compare their concentrations to the Cañon de Valle concentrations. The result of the ecological risk assessment for Cañon de Valle, presented above, is a determination of no adverse effects in the vicinity of the MDA P Site. If the COPEC concentrations for the MDA P Site footprint soils are less than, or not different from, the Cañon de Valle soils, then a determination of no adverse effects is supported for the MDA P Site soils.

Contaminant concentration data for the MDA P Site soils are compared to Cañon de Valle overbank soils and are presented in Table 2.5-14 and Table 2.5-15. All of the statistical comparisons between Cañon de Valle and the MDA P Site are not significant ($p > 0.05$), except for aluminum and cadmium. Where the tests are not significant, the concentrations in the MDA P Site soils are equivalent to or less than the concentrations in Cañon de Valle. Aluminum in MDA P Site soils is higher than in the canyon soil. Per EPA guidance (EPA 2000, 73306) aluminum is a COPEC only for sites with a soil pH of less than 5.5. The pH range of the MDA P soils is 6.8 to 7.6. Based upon this criterion, aluminum is not a COPEC. Cadmium concentrations are also higher for the MDA P soils than for Cañon de Valle. Cadmium is eliminated from further consideration because 22 of the 23 detected values are less than the soil BV of 0.4 mg/kg (LANL 1998, 59730). The single value that exceeds the BV is 1.4 mg/kg, which is within the range of background concentrations, 0.2 mg/kg to 2.6 mg/kg (LANL 1998, 59730), indicating that cadmium is unlikely to pose adverse population-level effects to ecological receptors.

2.5.3.4.4 Uncertainty Analysis

The major source of uncertainty associated with this assessment is that the terrestrial and sediment toxicity evaluations were conducted during a multi-year drought and within a year of the Cerro Grande Fire. Drought is one stressor and is likely to increase the potential of detecting an adverse effect that could be associated with contaminants. Fire effects often result in increased small mammal populations associated with increased ground vegetation. If contaminant uptake and food chain transfers were a source of population effects, then post-fire environments should increase the likelihood of detecting these effects.

Ecological screening assessments are subject to uncertainties through the use of laboratory toxicology studies to develop "no effect" contaminant concentrations. Laboratory studies use chemical forms of contaminants and exposure mechanisms that are often not representative when compared to environmental conditions. Additionally, laboratory studies are often conducted with single contaminants. The result of combinations of contaminants is largely unknown. The results presented for Cañon de Valle are based upon field studies and laboratory toxicity studies with field-collected media from the canyon containing multiple contaminants. This approach obviates the usual difficulties of extrapolating laboratory data to field settings.

Another major uncertainty associated with this assessment is the adequacy of sample coverage to support descriptions of the contaminant signatures at the site. In this assessment, the MDA P Site soils in the biological zone are characterized with 71 samples collected in a grid pattern and were often biased towards locations where contaminant concentrations were suspected of being elevated (e.g., locations that receive focused infiltration or runoff). The overbank soils sampled in Cañon de Valle were collected as part of the geomorphic characterization of contaminants in the canyon and were biased towards areas likely to have elevated contaminant concentrations in order to conservatively characterize the canyon. The combination of these two data sets for this analysis provides an abundant basis for the conclusion of no adverse effects to the Cañon de Valle or MDA P Site ecological receptors from residual COPC concentrations at the MDA P Site.

Table 2.5-14
Data Summaries of Detected Values for MDA P Site Soils and Cañon de Valle Overbank Soils

	Minimum	1st Quarter	Median	Mean	3rd Quarter	Maximum	Detects
MDA P Site Soils							
Barium	18.7	120	200.5	538.7	503	6630	70
RDX	0.069	0.2625	0.73	3.176	2.125	37	36
Aluminum	2630	5542	7305	7926	9750	19900	70
Cadmium	0.04	0.0665	0.087	0.1545	0.12	1.4	23
Cobalt	0.69	2.125	3.35	3.954	4.075	44.7	70
Copper	0.68	3.9	5.1	7.373	8.275	36.8	70
HMX	0.118	0.5725	1.05	2.828	2.425	16	32
Lead	3.8	8.325	10.45	12.18	13.87	61.5	70
Manganese	30.9	179	225	257.6	298.8	1290	70
Silver	0.099	0.165	0.73	2.146	1.5	15.8	15
Vanadium	2.9	8.3	12.2	12.89	15.3	29.3	69
Cañon de Valle Overbank Soils							
Barium	184	4430	5620	9264	9575	37300	30
RDX	0.16	0.32	0.49	0.8833	0.72	5.5	21
Aluminum	3030	4312	5370	5316	6332	8880	30
Cadmium	0.06	0.085	0.22	0.309	0.4075	1.1	10
Cobalt	1.50	4.175	5.30	6.703	7.3	17.5	30
Copper	3.30	14.3	24.55	26.53	29.4	139	30
HMX	0.19	0.8	1.60	16.47	12	290	27
Lead	7.60	28.18	36.30	35.59	44.50	65.9	30
Manganese	75.2	278.8	341	341	378.50	980	30
Silver	0.63	2.675	3.60	5.478	8.050	14.9	28
Vanadium	8.90	11.98	14.3	14.35	15.7	21.2	30

Table 2.5-15
Statistical Comparisons of Cañon de Valle COPECs to MDA P Site Soils

COPEC	Gehan Test p-value	Quantile Test p-value
Aluminum	0.00005	0.0021
Barium	1.0	1.0
Cadmium	*	0.033
Cobalt	1.0	1.0
Copper	1.0	1.0
HMX	*	1.0
Lead	1.0	1.0
Manganese	1.0	1.0
RDX	*	1.0
Silver	*	1.0
Vanadium	1.0	0.99

*Insufficent number of detects for the statistical test.

2.5.3.5 Ecological Assessment Summary

The ecological risk assessment for the terrestrial and aquatic systems in Cañon de Valle found that there is no empirical evidence of adverse effects associated with the MDA P Site. Both the terrestrial and aquatic studies indicate that ecological receptors in the canyon are not being adversely affected by contaminants in the soils and sediments of the canyon. Comparisons of the MDA P Site soil COPEC concentrations to Cañon de Valle contaminant concentrations show that barium and RDX are not statistically different between the two locations. The lack of adverse ecological effects in Cañon de Valle from these contaminants is strong evidence that there are no effects due to these contaminants in the biological zone soils at the MDA P Site. The concentrations of other Cañon de Valle COPECs in the MDA P Site soils do not pose a threat of adverse effects because they do not differ from (or are lower than) the overbank soil concentrations for the canyon. This conclusion is valid for the MDA P Site soils in their present location and also in the event that they are transported into the canyon in the future because the current contaminant concentrations in the canyon exceed those that may be transported from the MDA P Site in the future. These lines of evidence indicate that residual contamination from the MDA P Site does not pose a threat to the environment.

3.0 ASSESSMENT OF IMPACT TO GROUNDWATER

3.1 Introduction and Regulatory Requirements

This section provides the basis for the Laboratory's request to NMED for a determination that a post-closure permit for groundwater monitoring at MDA P is not required because

- the MDA P closure meets the standards for closure by removal or decontamination in 20.4.1.600 NMAC, 265.111 and 265.258(a), and
- in accordance with 20.4.1.500 NMAC, 264.90(c)(1), the requirements for groundwater monitoring for regulated units specified in 264.91 – 264.100 do not apply if, after closure of the regulated

unit, all waste, waste residues, contaminated containment system components, and contaminated subsoils are removed or decontaminated at closure

These requirements apply specifically to MDA P, not Flash Pad 387 or SWMU 16-016(c)-99, because of MDA P's unique status as a land-based unit.

To demonstrate clean closure, the owner/operator of the closing unit must establish that hazardous constituents that may remain in place after clean closure do not represent a threat to human health or the environment (52 FR 8706, 3/19/87). With respect to groundwater, sufficient amounts of soil must be removed to ensure that any contribution of hazardous constituents to groundwater do not and will not exceed protective levels. In addition, the adequacy of clean closure is measured at the potential point of exposure to hazardous constituents, assumed to be directly at or within the unit boundary for all media, including groundwater (52 FR 8707, 3/19/87). Per 20.4.1.500 NMAC, 264.95, the *point of compliance* for groundwater monitoring is "a vertical surface located at the hydraulically downgradient limit of the waste management area that extends down into the uppermost aquifer underlying the regulated units." The *waste management area* is the limit projected in the horizontal plane of the area on which waste was placed during the active life of the regulated unit. For the purposes of demonstrating clean closure, the unit boundary for all routes of exposure for the MDA P waste management area is shown on Plate 1. The point of compliance for MDA P is the MDA P waste management area boundary within the MDA P Site. The area of study in the Phase II investigations encompassed what constitutes the point of compliance for exposure to hazardous constituents via a pathway to groundwater.

As detailed in section 2 of this report, the Laboratory has met the closure by removal and decontamination standards set forth in 20.4.1.600 NMAC, 265.111 and 265.258(a). No waste, waste residues, contaminated containment system components, or contaminated subsoils remain within the waste management area boundary. As discussed in section 2.1, the term "waste residues" refers to any hazardous constituents derived from hazardous wastes that are present in the environment at or above levels of human health or environmental concern (53 FR 9944, 3/28/88). "Contaminated subsoils," in the context of closure of waste piles by removal and decontamination, is interpreted to mean any materials that may have been contaminated by hazardous wastes managed in the unit (53 FR 9944, 3/28/88).

This section discusses the transport pathways and the potential for residual hazardous constituents to migrate to groundwater. It also discusses whether or not post-closure groundwater monitoring at MDA P is necessary. The information in this section is intended to satisfy requirements for determining potential exposure to hazardous constituents via groundwater at the point of compliance, as defined earlier in this section. However, because the closure performance standard in 20.4.1.600 NMAC, 265.111 also requires that the potential for post-closure escape of residual hazardous constituents to surface water be addressed, relevant information pertaining to surface water pathways is included here.

3.2 Conceptual Model of the Bedrock Fracture Flow System at MDA P

The MDA P Site is located within a small, open watershed with no springs or other natural, perennial sources of water on the south rim of Cañon de Valle. The Site lies in a transition zone where fracture density and fracture aperture decrease from west to east. The site is underlain by welded to nonwelded Units 3 and 4 of the Bandelier Tuff. The partially to densely welded Units 3 and 3T form the cliffs and benches of the canyon walls, and the nonwelded Unit 4l forms the gentle slopes from the topographic bench southward to the surface of the former Flash Pad 387 at the watershed divide. The climate is semi-arid. Precipitation as snowfall or rainfall in the watershed provides ephemeral runoff to two arroyos that provide hydrologic boundaries on the east and west margins of the Site. Direct precipitation is the only source of surface water transport within the interior portion of the Site. Current conditions promote runoff

and inhibit infiltration, as a north-south trending man-made trench bisects the eastern exposed tuff region and diverts overland flow to the east arroyo.

From the empirical data presented in section 2.3, a conceptual model was developed that states that the fracture flow system is unsaturated, with local infiltration of precipitation and downward percolation, but dominated by matrix absorption and evaporation (Figure 3.2-1). The latter processes result in an accumulation zone of nitrate, chloride, and sulfate salts at 30- to 90-ft depths below the current land surface in the partially welded Unit 3. The salts are believed to be the result of dissolution of surface salts and redistribution in the subsurface through percolation and evaporation. The zone is apparent in all boreholes and is located entirely above the stream level of Cañon de Valle. It is believed that evaporation is promoted by connection of the fracture system with the atmosphere near the canyon walls. Pressure changes are propagated through the fracture system in response to barometric pressure changes, a process recognized at many other arid and semi-arid sites across the western United States and the Pajarito Plateau. Hence, the larger fractures promote exchange of atmospheric gases; the smaller fractures promote retention of moisture and provide the initial paths of rewetting. The data in this report support the hypothesis by Neeper and Gilkeson (1996, 56025) and Newman (1996, 59372) that the process of moisture removal from within the mesa by evaporation forms a hydraulic barrier. Thus, vapor phase transport is the dominant subsurface mechanism for moisture transport. The zone of salt accumulation is believed to represent the response of the fracture system to the semi-arid climate and probably required thousands of years to develop.

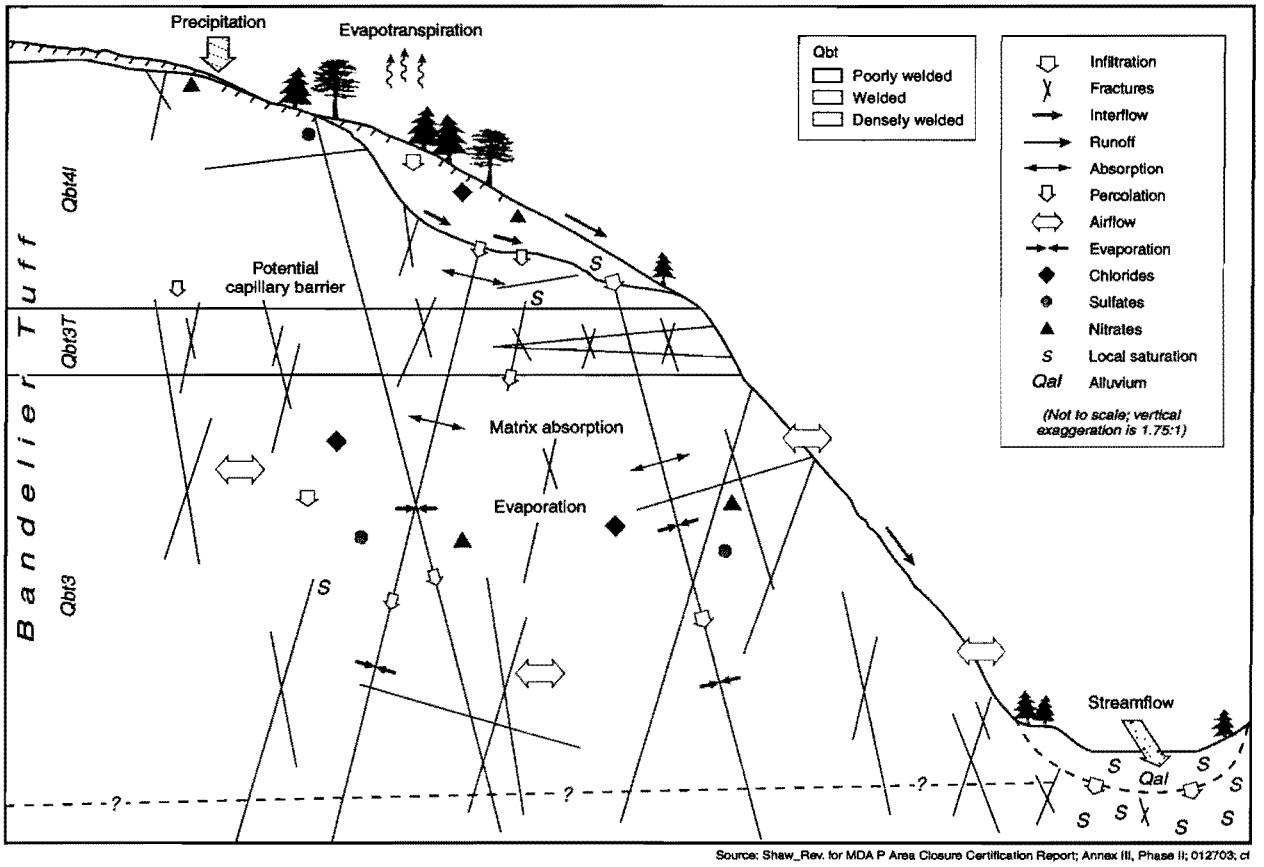


Figure 3.2-1. Conceptual model of the bedrock fracture flow system at MDA P (LANL 2003, 77423)

3.3 Discussion of Groundwater Transport Pathways at MDA P

There are three major routes for potential transport of residual hazardous constituents at MDA P to groundwater and perennial surface water (Figure 3.2-1). The first route is by deep downward transport through the MDA P subsurface to a possible perched saturated zone located approximately 700 ft below MDA P and to the regional aquifer that is about 1200 ft below the MDA P Site. The 700-ft zone is inferred based on its presence at monitoring well R-25 (Broxton et al. 2002, 72640), but not likely to be present underneath MDA P. The second route for potential hazardous constituent transport is via a combination of downward and northward lateral transport through the MDA P subsurface into the alluvial aquifer/surface water system of Cañon de Valle. The third route for potential transport is by overland flow directly into Cañon de Valle. Although no support for significant transport via any of these 3 pathways has been identified, each of these routes is discussed in more detail below.

The first route for potential contaminant transport to groundwater from MDA P is deep downward transport by percolation. The four main factors controlling the downward transport route to the deep aquifer systems are (1) the quantity of precipitation that the site receives, (2) the amount of evapotranspiration, (3) the hydraulic properties and conditions of the tuff matrix, and (4) the hydraulic properties and conditions in fractures in the tuff (which are closely related to the matrix properties). The chemical characteristics of the different residual hazardous constituents will also control the rate of transport, but these are minor compared to the hydrologic controls.

MDA P has a semiarid climate, which means that annual potential evapotranspiration is greater than annual precipitation. Thus, downward flow is limited because evapotranspiration removes most or all annual precipitation through the top and canyon walls of MDA P. For example, MDA P receives an annual average of approximately 19.7 in. of precipitation, and evaporation rates are about 65 in./yr (Bowen, 1990 06899).The low downward flux at MDA P is also supported by consideration of hydraulic properties and conditions in the field. Data collected from historic and recent boreholes at MDA P (section 2.3) do not show any evidence of subsurface saturation. Water contents from the nearby monitoring well R-25 (Broxton et al. 2002, 72640), and Boreholes 16-02667 and 16-02668 (LANL 2003, 77965), typically had gravimetric water contents in the Tshirege Member of less than 15%; similar values are reported in the boreholes at MDA P (557, 554, 526, 516). Such low water contents not only indicate unsaturated flow conditions, but also indicate low unsaturated hydraulic conductivity values. At these water contents, hydraulic conductivities can be as low as 10^{-11} ft/s, which severely limit downward flow and transport (D.B. Stephens and Associates 1999, 76886). Moreover, the salt accumulation zone, present in the 30- to 90-ft depth interval in the MDA P Site boreholes is an indicator of extremely low downward water flux (e.g., less than one-tenth of an inch/yr). Recent studies (Scanlon et al. 2003, 77966; Walvoord et al. 2002, 77967) indicate that this represents a zone where no downward recharge has occurred over thousands of years. The chloride concentrations from the MDA P boreholes (section 2.3) are similar to those observed in monitoring well R-25 and the SWSC borehole (16-0267), both of which indicate no recharge over the last 1000 years or longer (Broxton et al. 2002, 72640; LANL 2003, 77423; LANL 1998, 59891; LANL 2003, 77965). Based on the physical data, vapor-phase transport is deemed the dominant subsurface mechanism for moisture transport. Thus, it is unlikely that substantial downward transport by percolation of residual hazardous constituents to deep aquifer systems occurs at MDA P.

Fractures are a concern because of the potential for fast preferential transport. While this has been shown to be important at other locations on the TA-16 mesa (LANL 2003, 77965) long-term ponded surface water conditions were present. Ponded conditions are not present at MDA P and, as a result of the Phase I activities, the MDA P Site has been engineered to prevent ponding now and in the future. It is unlikely that fractures would act as fast pathways to the deep groundwater systems. Additional evidence supporting this transport model is based on increased chloride content that coincides with fractures or

fracture zones. If fractures were historically acting as fast pathways, the salt concentrations in the fractures would be noticeably lower than detected because these highly soluble salts would have been flushed into the deeper of the bedrock. In other words, the presence of salt accumulation in the fractures indicates that little water has moved through the fracture systems. Transport of residual hazardous constituents to the deeper aquifer system would only occur if the current balance between precipitation and evapotranspiration were altered through a long-term change in hydrology (e.g., resulting from climate change or anthropogenic discharges). Based on the existent and expected long-term hydrologic conditions, post-closure groundwater monitoring beneath MDA P is not warranted.

The second route for potential hazardous constituent transport is via a combination of downward and northward lateral transport through the MDA P subsurface into the alluvial aquifer/surface water system of Cañon de Valle (Figure 3.2-1). This is not a viable pathway because, as discussed above, downward moisture flux at MDA P is minimal. In addition, none of the boreholes at the MDA P Site detected a saturated zone at or above the elevation of Cañon de Valle. This lack of borehole water indicates that saturated conditions along the Cañon de Valle stream do not extend laterally to produce a continuous perched water table beneath MDA P. MDA P lies on a geologic transition from a graben structure to the west and a bedrock promontory to the east. There is strong evidence that geologic features in MDA P differ from those in adjacent areas, such that perched water, found as ephemeral saturated "ribbons" in the subsurface west and southwest of MDA P (at approximately 100–200 ft bgs) and manifest in SWSC, Burning Ground, and Martin Springs (LANL 1998, 59891), is not present beneath MDA P. This transport model is also supported by the lack of any springs or seeps at the base of MDA P and by the lack of water encountered in Borehole 554, which is located adjacent to a potential bounding fault where perched water would likely have been observed, were it present. Additionally, historical data collected at MDA P found no evidence of saturated conditions in the vadose zone beneath the site (LANL 1995, 58713). This includes five boreholes drilled in 1988 on and around MDA P and nine shallow boreholes drilled along the north face of MDA P at the level of Cañon de Valle. Thus, there is no evidence for a fast lateral subsurface connection to the canyon. Any lateral transport is limited by the low water contents and low hydraulic conductivities of the bedrock, as described above, for the downward transport pathway.

The third route for potential transport is by overland flow directly into Cañon de Valle. Some overland flow from the site occurs. However, permanent, passive site engineering controls are in place that reduce the potential contributing area for runoff and minimize the volume of overland flow that can be generated. Ephemeral runoff is currently directed to two arroyos that provide hydrologic boundaries on the east and west margins of the site. Grading and terracing of the site also reduced the potential for any residual dissolved and/or sediment-bound hazardous constituents to enter the canyon. Historical sediment and geomorphological studies and sampling in Cañon de Valle indicated that, even prior to implementation of site engineering controls and source removal, there was little impact from MDA P due to overland flow (LANL 2003, 77965). Based on the source-term removal and the engineered runoff controls, future overland flow inputs are not likely to be of concern.

In addition to the conditions discussed above, the decreasing concentrations (mostly below background or undetected) of residual hazardous constituents at depth in the subsurface support the determination that post-closure groundwater monitoring at MDA P is not warranted. The confirmation sampling was performed in accordance with the NMED-approved MDA P closure plan (LANL 1995, 58713) and subsequent modifications (LANL 1999, 63546; LANL 2002, 73159). The MDA P closure plan committed to addressing this question by measuring concentrations of hazardous constituents in the vadose zone using the Phase II confirmation analytical results of near surface soil and tuff and borehole core and vapor samples. Soil/tuff sampling results and vadose zone VOC data demonstrate that no substantial migration of contaminants into the subsurface has occurred beneath MDA P.

The VOC pore gas sampling results report several VOCs detected in one or more samples. The detected concentrations are primarily in the ppbv range and generally show a decrease in concentrations with depth (Table 2.4-6). However, because the VOCs are detected at trace concentrations at depth there may be little or no change in concentration for some VOCs to total depth of the borehole. The subsurface environment beneath MDA P is relatively dry, has limited organic content, and the VOCs detected have relatively high vapor pressure. In addition, the potential source term for VOCs has been removed. As a result of these conditions, VOCs are restricted to the vapor phase, have no source for releasing additional VOCs, and have no hydraulic gradient to facilitate migration. Therefore, the VOCs will remain at trace levels and will not be transported vertically and encounter groundwater beneath MDA P.

Analytical results of the soil and tuff matrices report concentrations of contaminants that do not pose a potential unacceptable risk to human and ecological receptors (section 2.5 and Appendix A). The majority of the residual contamination following removal activities is in the top 5 ft of the soil and tuff. Because concentrations decrease with depth, the lower concentrations also do not pose a potential unacceptable risk to human and ecological receptors. The data also indicate that concentrations of contaminants have not accumulated in the subsurface beneath MDA P. The lack of a source term, the unsaturated conditions, and the zone of accumulation beneath MDA P further inhibits any vertical migration of the residual contamination to the deep groundwater. Therefore, the removal of nearly all hazardous constituents from within the MDA P waste management area during the closure process and the demonstration that residual concentrations do not pose a potential unacceptable risk to human and ecological receptors support the conclusion that post-closure groundwater monitoring beneath MDA P is not required.

3.4 Discussion of Needs for Post-closure Monitoring

The conceptual model and pathway discussions support the Laboratory's request for a determination that a post-closure permit for groundwater monitoring at MDA P is not required. The analytical and geochemical data demonstrate that the potential for transport of residual hazardous constituents from MDA P to groundwater is mitigated because:

- the Laboratory successfully completed closure by removal and as a result, the residual hazardous constituent concentrations at MDA P are below levels that pose a potential unacceptable risk to human and ecological receptors;
- the residual hazardous constituent concentrations at MDA P are confined primarily to the upper 5 ft of the soil and tuff;
- the vadose zone properties beneath MDA P limit the potential subsurface transport of contaminants to a depth no greater than the accumulation zone (30 to 90 ft bgs) due to evapotranspiration;
- the transport of residual hazardous constituents from MDA P in the surface soils and tuff to alluvial and perched systems outside the unit boundaries (e.g., in Cañon de Valle) is limited by the lack of viable surface and subsurface water transport mechanisms; and
- the thickness of the vadose zone (i.e., approximately 1200 ft to the regional aquifer) and the low hydraulic conductivities of the vadose zone strongly limit potential transport to the deep groundwater.

4.0 CONCLUSIONS

Clean closure and NFA requirements for the MDA P Site units [MDA P, Flash Pad 387, and consolidated SWMU 16-016(c)-99] are met.

- The contents of MDA P, including waste residues and structures, were removed and/or decontaminated, and disposed of in accordance with all applicable procedures, plans, and regulations. All contaminated containment system components, contaminated subsoils, and structures and equipment contaminated with waste were removed and/or decontaminated. All equipment and structures associated with closure operations were decontaminated, reclaimed, recycled, or disposed. Only soils and tuff containing residual levels of hazardous constituents determined to pose no current or future potential unacceptable risk to human or ecological receptors remain in place.

- The Flash Pad 387 structure and potentially contaminated underlying material were removed and/or decontaminated, and disposed of in accordance with all applicable procedures, plans, and regulations. All contaminated containment system components, contaminated subsoils, and structures and equipment contaminated with waste were removed and/or decontaminated. All equipment and structures associated with closure operations were decontaminated, reclaimed, recycled, or disposed. Only soils and tuff containing residual levels of hazardous constituents determined to pose no current or future potential unacceptable risk to human or ecological receptors remain in place.

- SWMU 16-016(c)-99 was characterized and remediated in accordance with the approved VCA plan and all applicable regulations. Only soils and tuff containing residual levels of hazardous constituents determined to pose no current or future potential unacceptable risk to human or ecological receptors remain in place.

- Waste management was conducted in accordance with the approved closure plans, the VCA plan, and applicable regulations. All contaminated equipment, structures, soils, and other wastes generated as a result of closure/remediation activities were properly characterized, managed, decontaminated, and/or disposed.

- Confirmation sampling results were used to demonstrate that the operational PRGs were successful in guiding soil and debris removal activities at the MDA P Site; for the isolated locations that have residual concentrations of barium or RDX above the operational PRGs, the risk assessment results indicate there is no current or future potential unacceptable risk to human or ecological receptors from the residual concentrations that have been left in place.

- Confirmation sampling provide sufficient data for the human health and ecological risk assessments. The confirmation data adequately determine the horizontal extent of residual COPC concentrations at the site, as the sampling extended beyond the boundaries of excavation and beyond the natural hydrologic barriers that limit potential horizontal transport to the area between the east and west drainages. The confirmation data adequately determine the vertical extent of COPC concentrations in the subsurface soils and tuff at the site, as adequate data at depth were taken to conclude that only residual levels of COPC concentrations exist at depth and the majority of the depth sample results were either not detected or were detected at concentrations below established BVs and/or acceptable risk levels.

- Data collected from borehole geophysical and geochemical studies and the fracture characterization study, including the boreholes drilled along the MDA P unit boundary, indicate that there is no surface-to-groundwater pathway at the MDA P Site.
- Risk assessment results demonstrate that the remaining soils and tuff at the site containing residual hazardous constituents pose no unacceptable current or future potential unacceptable risk to human and ecological receptors.

Together, these factors satisfy the facility closure performance standard for MDA P and Flash Pad 387 (20.4.1.600 NMAC, 265.115); the unit-specific closure performance standard for MDA P [20.4.1.600 NMAC, 265.258(a)]; and the unit-specific closure performance standard for Flash Pad 387 (20.4.1.600 NMAC, 265.381). Therefore, the Laboratory submits this demonstration of clean closure at MDA P and Flash Pad 387 and requests determination from NMED that further remediation or post-closure monitoring is not warranted. Additionally, these factors satisfy the NFA criterion for SWMU 16-016(c)-99, which requires that the SWMU has been characterized or remediated in accordance with applicable state or federal regulations and that the available data indicate that chemicals of concern are either not present or are present at concentrations that pose no potential unacceptable risk to human or ecological receptors under projected future land use.

5.0 CERTIFICATIONS

This section provides the independent registered professional engineer certifications attesting that the closure activities for MDA P and Flash Pad 387 have been performed in accordance with the approved closure plans. Also provided is the owner/operator certification as required by 20.4.1.600 NMAC, 265.115.

5.1 Independent Registered Professional Engineer's Certification

Closure Certification - MDA P

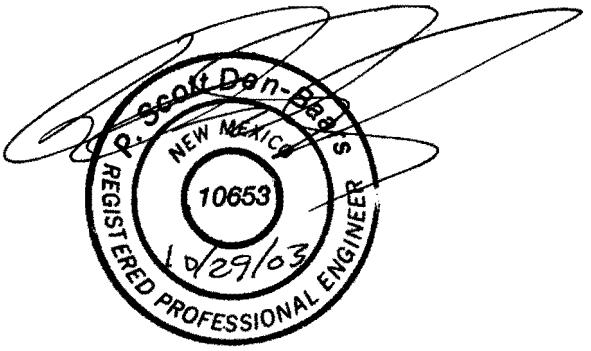
This certification was prepared in accordance with generally accepted professional engineering principles and practice pursuant to the requirements of 20.4.1.600 NMAC, Section 265.115, for an independent registered P.E. certification. These services have been performed with the care and skill ordinarily exercised by members of the profession practicing under similar conditions at the same time and in the same or in a similar locality. We make no other warranty either expressed or implied. The finding and certification are based on reviewing the contents, and implementation of, the following documents:

- Material Disposal Area P closure plan, revision 0 (LANL 1995, 58713), approved by NMED on February 20, 1997; and
- Revised closure plan modification request (LANL 2002, 73159), approved by NMED on May 30, 2002.

With the signature and seal below, I certify that, except for the variances presented in section 2.4.4 and Appendix D, the closure of the TA-16 Material Disposal Area P was conducted substantially in accordance with the NMED-approved closure plan and associated modification. The information presented in this report is, to the best of my knowledge and belief, true, accurate, and complete.

Respectfully,

Shaw Environmental, Inc.



P. Scott den Baars, P.E.
New Mexico Registered Professional Engineer No. 10653
Expires: December 31, 2003
Date: 10/29/03

Closure Certification—Flash Pad 387

This certification was prepared in accordance with generally accepted professional engineering principles and practice pursuant to the requirements of 20.4.1.600 NMAC, Section 265.115, for an independent registered P.E. certification. These services have been performed with the care and skill ordinarily exercised by members of the profession practicing under similar conditions at the same time and in the same or in a similar locality. We make no other warranty either expressed or implied. The finding and certification are based on reviewing the contents, and implementation of, the following document:

- Flash Pad 387 closure plan (LANL 1999, 63547), approved by NMED on July 7, 2002; and
- Revised closure plan modification request (LANL 2002, 73159), approved by NMED on May 30, 2002.

With the signature and seal below, I certify that, except for the variances presented in section 2.4.4 and Appendix D, the closure of the TA-16-387 Flash Pad was conducted substantially in accordance with the NMED-approved closure plan and associated modification. The information presented in this report is, to the best of my knowledge and belief, true, accurate, and complete.

Respectfully,

Shaw Environmental, Inc.

P. Scott den Baars, P.E.
New Mexico Registered Professional Engineer No. 10653
Expires: December 31, 2003
Date: 10/29/03

5.2 Owner/Operator Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Document title:

Material Disposal Area P Site Closure Certification Report

Barbara A Stone for

10/30/03

James L. Holt

Date Signed

Associate Director, Operations
Los Alamos National Laboratory
Operator

Gerald A Schlagen for

10/30/03

Ralph E. Erickson

Date Signed

Director, Los Alamos Site Operations
US Department of Energy
National Nuclear Security Administration
Owner

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Copies of the reference library are maintained at the NMED Hazardous Waste Bureau; the DOE Los Alamos Site Office; the US Environmental Protection Agency, Region 6; and RRES-RS. This library is a living collection of documents that was developed to ensure that the administrative authority has all material needed to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

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Appendix A

Human Health and Ecological Risk Assessments for the MDA P Site

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LIST OF ATTACHMENTS

Attachment 1: Ecological Scoping Checklist

Attachment 2: Statistical Calculations, Analyses, and Plots

LIST OF ACRONYMS

BMP	Best Management Practice(s)
BV	background value
COPC	chemical of potential concern
COPEC	chemical of potential ecological concern
Cr^{+6}	hexavalent chromium
CTDq	community tolerance dominance quotient
DDT	dichlorodiphenyltrichloroethane
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
EPT	Ephemeroptera, Plecoptera, and Trichoptera
EQL	estimated quantitation limit
ESL	ecological screening level
HE	high explosive(s)
HI	hazard index
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazacyclooctane
HPF	heat pulse flowmeter
HQ	hazard quotient
IWP	Installation Work Plan
LANL	Los Alamos National Laboratory
MDA	Material Disposal Area
mg/kg-d	milligram(s) per kilogram per day
NMED	New Mexico Environment Department
NOAEL	no-observed-adverse-effect level
PCB	polychlorinated biphenyls
RDX	1,3,5-trinitro-1,3,5-triazacyclohexane
RfD	reference dose
SAL	screening action level
SAP	sampling and analysis plan
SF	slope factor
SVOC	semivolatile organic compound
SWMU	Solid Waste Management Unit
T&E	threatened and endangered
TA	Technical Area
TAL	target analyte list
UCL	upper confidence limit
UNM	University of New Mexico
VCA	voluntary corrective action
VOC	volatile organic compound
WRS	Wilcoxon Rank Sum

1.0 INTRODUCTION

The human health and ecological risk assessment analyses detailed in this appendix have been performed to support the Final Closure Certification of the Solid Waste Management Units (SWMUs) associated with the Material Disposal Area (MDA) P. The MDA P Site is comprised of the following areas of concern within Los Alamos National Laboratory's (LANL's) Technical Area (TA)-16 Burning Grounds High Explosives (HE) Exclusion Area: MDA P Waste Pile (SWMU 16-018), the TA-16-387 Flash Pad (SWMU 16-016[b]), the TA-16-386 Flash Pad (SWMU 16-010[a]), a former barium nitrate pile (SWMU 16-016[c]), and an operational septic tank (SWMU 16-006[e]). The first two SWMUs are designated Resource Conservation and Recovery Act Interim Storage units, for which closure requirements must be demonstrated. The latter 3 SWMUs are consolidated into a single SWMU, designated SWMU 16-016(c)-99 (LANL 1999, 63546) and sometimes referred to as the Burning Grounds North, and are being investigated under LANL's Voluntary Corrective Action (VCA) program. Excavation and clean-up activities (Phase I) for all SWMUs within the MDA P Site were conducted simultaneously; likewise, the risk assessments supporting closure and corrective action of the various SWMUs are also being conducted collectively. This approach was delineated in the New Mexico Environment Department (NMED)- approved sampling and analysis plan (SAP) for the MDA P Site (LANL 1999, 63546). Confirmation sampling activities were conducted as part of the MDA P Site Phase II investigation. The detailed analysis of the Phase II sample data in the context of potential human health and ecological risk is the focus of this appendix.

Potential adverse effects to both human health and ecological receptors are evaluated for the residual contamination at the MDA P Site. The screening assessments performed for the human and ecological receptors consist of four components: scoping, screening evaluation, problem formulation, and interpretation of results. The human health screening assessment was performed using the approach presented in the Installation Work Plan (IWP) (LANL 1998, 62060) and LANL (2002, 72639). The ecological screening assessment was performed using the methodology documented in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783). For all inorganic and organic chemicals of potential concern (COPCs) that do not pass the initial human health and ecological screening assessments, additional analysis and evaluation is provided.

This appendix is organized as follows:

- **Section 1, Introduction**: describes the objectives of, and approach to, the human health and ecological risk assessments following Phase I excavation and clean-up activities and Phase II confirmation sampling and analysis.
- **Section 2, Environmental Setting**: describes the general setting, geology, groundwater and surface water, meteorology and climate, biology, and current site conditions of the MDA P Site.
- **Section 3, Confirmation Data Analysis**: provides a detailed evaluation of the Phase II confirmation data, including the screening of site COPC concentrations against established LANL-wide background values (BVs).
- **Section 4, Site Screening Assessments**: provides the screening of the potential human health and ecological risks to residual concentrations of chemicals at the MDA P Site.
- **Section 5, Ecological Risk Assessment for Cañon de Valle**: details the Cañon de Valle risk assessment, with an emphasis on the potential risk to Cañon de Valle ecological receptors due to the historical and potential future transport of COPCs to the canyon from the MDA P Site.

Additional supporting documentation is provided as attachments:

- **Attachment 1, Ecological Scoping Checklist**: provides details of the general site setting, ecology, and surface hydrology, as observed during a site visit, August 28, 2002.
- **Attachment 2, Statistical Calculations, Analyses, and Plots**: provides documentation related to the statistical analyses performed for supporting the risk assessment process and conclusions.

Note: The figures, tables, and attachments called out in this appendix have been inserted after their respective tabs at the end of this appendix.

2.0 ENVIRONMENTAL SETTING

This section briefly introduces the environmental setting of the MDA P Site, including a summary of the geology, groundwater and surface water, meteorology and climate, biology, and current post-excavation condition of the site.

2.1 General Site Setting

LANL is a 43 square mile facility located in north-central New Mexico, approximately 60 miles northeast of Albuquerque and 20 miles northwest of Santa Fe. LANL lies on the Pajarito Plateau, which consists of fingerlike mesas separated by deep canyons that contain ephemeral and intermittent streams generally oriented west to east. The mesa tops of the Pajarito Plateau range in elevation from approximately 6,200-7,800 feet above mean sea level. The eastern portion of the plateau stands approximately 300-900 feet above the Rio Grande River.

The MDA P Site is located at the LANL TA-16 Burning Grounds, within the HE Exclusion Area (Figure 2.1-1). The individual SWMUs at the MDA P Site are shown in Figure 2.1-2. The TA-16 Burning Grounds are located within a broad topographic saddle on an east-trending mesa. The MDA P Site is located on the north side of the Burning Grounds within a small, open watershed that drains to a small tributary of Water Canyon called Cañon de Valle. The saddle runs between two topographic hills to the east and west and at its lowest point is at an elevation of approximately 7,450 feet. TA-16 is located entirely on land operated by the U.S. Department of Energy (DOE) and is isolated from public access by security fencing and security checkpoints.

2.2 Geology

Major eruptions in the Jemez Mountains and the surrounding area occurred about 1.2 to 1.6 million years ago and this volcanism is reflected in the geology of the Pajarito Plateau. Pertinent stratigraphic units (from youngest to oldest) are: the Bandelier Tuff, Puye Conglomerate, and Precambrian basement rocks (Broxton et al. 2002, 72640). Bandelier Tuff, which includes ash fall, ash fall pumice, and rhyolite tuff, forms most of the finger-like mesas and ranges from more than 1,000-feet thick in the western part of the plateau to approximately 260 feet in the eastern plateau. The Bandelier Tuff is an ignimbrite sequence formed by widespread deposition and consolidation of ash flows, pyroclastic material, and includes welded tuff and non-welded but recrystallized ash flows. The degree of welding in the Bandelier Tuff increases westward across the plateau. Greater welding in the tuff reduces the porosity and capillary size of the pores and is likely a strong influence on transmissivity properties. The Puye Conglomerate is composed of fanglomerate that is interbedded with volcanic deposits. At TA-16, the Bandelier Tuff is unsaturated and is approximately 844 feet thick; the Puye Conglomerate is more than 1090 feet thick; and the thickness of the Precambrian rocks is unknown (Broxton et al. 2002, 72640).

The Phase II activities included a focused geophysical and geochemical study for characterizing the surface and subsurface fractures at the site. The following measurements were taken in a series of

boreholes drilled at the site: natural gamma levels, borehole diameters, electromagnetic conductivity, neutron logs, heat-pulse flowmeter (HPF), and borehole imaging. The study results indicate that the west side of the MDA P footprint displays the following features: a series of small faults, a small graben, elevated fracture density and larger apertures in Bandelier Tuff Units 3 and 3T. The eastside has fewer fractures and overall smaller apertures. HPF data have demonstrated that fractures in the westside are capable of transmitting larger volumes of water to the subsurface under saturated conditions than fractures in the eastside, though saturated conditions are not presented in the MDA P Site, as discussed in section 2.3.

2.3 Groundwater

Groundwater flow through the unsaturated fractured rock is affected by lithologic and structural characteristics, including porosity, degree of welding, density and fracture apertures, infiltration, percolation, precipitation, evaporation, and runoff. The only aquifer of the Pajarito Plateau capable of supplying municipal or industrial water lies in the Santa Fe Group and Puye Formation. The regional aquifer at the MDA P Site is approximately 1200 feet below the surface. Findings of the MDA P Phase II focused geochemical study indicate that continuous saturated conditions, as are observed along the Cañon de Valle stream, do not extend laterally to produce a continuous, perched water table beneath the MDA P Site. The Phase II focused study findings also show the fracture systems in the eastside do not appear to be capable of conducting water to the subsurface. The fractures in the westside, however, are capable of transmitting water only under saturated conditions. In the unsaturated conditions that are prevalent in this area, the fractures serve to enhance air movement and, thus, evaporation of water that may infiltrate from the surface. Surface-to-groundwater hydrologic connection will only be possible if, in the future, saturated conditions from a perennial source of water exist to alter the current balance between percolation and evaporation in the subsurface.

2.4 Surface Water

There are no perennial water sources within the MDA P watershed. Currently, run-on is directed away from the site into two, adjacent watersheds, using natural and engineered landscape features; the bar ditch along the north side of the access road leading from the west into the Burning Grounds is diverted through a culvert to the drainage south of the saddle. Runoff of precipitation that falls within the boundaries of the MDA P Site is generally diverted to the west and east of the site, into channels/ephemeral drainages that ultimately terminate in Cañon de Valle; overland flow from the former 387 Flash Pad in the northern portion of the site is currently diverted through a remnant of the MDA P run-on trench to an ephemeral drainage east of the landfill footprint. Large precipitation events may cause breaching of the diversion channels and result in significant sheet flow across the surface of the site, ultimately terminating in Cañon de Valle. Cañon de Valle is fed continuously from upstream springs and has perennial flow across the "reach" (the canyon area directly downgradient) of the MDA P Site.

2.5 Meteorology and Climate

The Los Alamos area has a temperate mountain climate with four distinct seasons. Generally, spring is dry and windy, summer begins warm and dry through June and is followed by a 2-month rainy season. The fall weather is cooler and drier than the summer. During the winter, snow covers the ground for approximately two months. The dry atmosphere promotes rapid nighttime cooling near the ground. Summer daytime temperatures range from 21 to 31°C (70 to 88°F) and 10 to 15°C (50 to 59°F) during the nighttime; winter daytime temperatures range from 1 to 10°C (30 to 50°F) and -9 to -4°C (15 to 25°F) during the nighttime (Bowen 1990, 06899). The average annual precipitation is 48 centimeters (cm) (19 inches [in.]), which includes both rain and water equivalent of frozen precipitation, generally distributed

as snowfall. Due to the eastward slope of the Pajarito Plateau terrain, a large east-to-west gradient in precipitation exists across the plateau; the eastern flanks of the Jemez Mountains can receive up to 13 cm (5.1 in.) more precipitation annually than the western portions of the plateau.

2.6 Biology

This section provides a summary of the biota at LANL, as presented in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783), which can be consulted for additional information.

The mean elevation at TA-16 is approximately 7450 feet and the overstory vegetative cover type is a mixed conifer forest, specifically Rocky Mountain montane mixed conifer forest. Mixed conifer forests are typically found between 6,900 and 10,500 feet in elevation, are blended with ponderosa pine communities, and may extend to lower elevations on north-facing canyon slopes. Douglas fir and white fir (*Abies concolor*) are the typical overstory dominant tree species in mixed conifer forests. Limber pine (*Pinus flexilis*) can also be found in mixed conifer forests, particularly on rocky ridgelines.

Understory vegetation includes shrub species such as, big sagebrush (*Artemisia tridentata*), wax currant (*Ribes cerceum*), four-wing saltbush (*Atriplex canescens*), currant (*Ribes* sp.), and mountain mahogany (*Cercocarpus betuloides*). Other common understory plants are blue grama grass (*Bouteloua gracilis*), prickly pear cactus (*Opuntia* spp.), snake weed (*Gutierrezia microcephala* and *Gutierrezia sarothrae*), pinque (*Hymenoxys richardsonii*), wild chrysanthemum (*Bahia dissecta*), leafy golden aster (*Chrysopsis filiosa*), purple horned-toothed moss (*Ceratadon purpureus*), several lichen species, three-awn grass (*Aristida* spp.), bottlebrush squirreltail (*Sitanion hystrix*), bluegrass (*Poa* spp.), and false tarragon (*Artemisia dracunculus*).

A variety of fauna, including insects, reptiles, mammals, and birds inhabit the area. Harvester ants are the most abundant insects. Commonly found reptiles include fence lizards (*Sceloporous undulates*), Plateau striped whiptails (*Cnemidophorus velux*), gopher snakes (*Pituophis melanoleucus*), and garter snakes (*Thamnophilis elegans*). Mammals inhabiting the LANL area include bobcat (*Lynx rufus baileyi*), mountain lion (*Felis concolor*), mule deer (*Odocoileus hemionus*), elk (*Cervus elaphus nelsoni*), black bear (*Ursus americanus amblyceps*), coyote (*Canis latrans*), fox (*Urocyon cinereoargenteus scottii*), and a number of rodent species. A wide variety of bird species, such as raptors and songbirds, are found at LANL. The Mexican spotted owl (*Strix occidentalis lucida*) is a threatened species resident in Cañon de Valle, downgradient of the MDA P Site.

2.7 Current Site Conditions

The current, post-excavation MDA P Site is comprised of two distinct zones: an "exposed tuff zone" and a "biological zone" (Photographs 2.7-1, 2.7-2, and Figure 2.7-1). Photograph 2.7-1 shows the MDA P Site as excavation activities were being completed: the middle area of the site is the flat portion of the exposed tuff zone, in front of which is the unconsolidated tuff area that slopes steeply towards the Cañon de Valle; the uppermost portion of the site is the now-restored and reseeded area called the biological zone (shown in the photograph with soil piles in the right half of the site). Photograph 2.7-2 is a recent (October 2002) photograph of the site, showing the restored/revegetated areas in green surrounding the exposed tuff zone; particularly evident is the steep slope transitioning from the biological zone (towards the left of the excavation area, adjacent to the forest boundary). Figure 2.7-1 shows the SWMU boundaries and the extent of the biological and exposed tuff zones within the MDA P Site. Additional photographs of the current site condition are provided in Appendix C to this certification report.

The biological zone consists of undisturbed or reclaimed areas (~5.1 acres of the nearly 9.25 acre site), which essentially border the main excavation area to the south, east, and west. The reclaimed areas within the MDA P Site have approximately 2 feet of topsoil, though the soils in some locations near the east and west perimeters of the site can be as deep as approximately 5 feet. The reclaimed areas have thriving plant communities that are composed primarily of grasses and ruderal species representative of successional or transitional areas. Undisturbed areas outside the MDA P Site footprint contain deeper soils (up to 5 feet on average, with deeper soils possible) that support mature vegetation (including deeper rooted shrubs and trees that are typical of the Rocky Mountain montane mixed conifer vegetation type). Evidence of animal activity (tracks and scat of small and large mammals) was observed in the biological zone during a recent site visit (August 28, 2002; see Ecological Checklist, Attachment 1).

The exposed tuff zone consists of a single, large, and continuous area of exposed tuff (~4.25 acres of consolidated tuff or unconsolidated tuff with large boulders) from which the topsoil was removed during the Phase I excavation activities. In contrast to the biological zone, the exposed tuff zone is largely bereft of plants and supports little or no animal activity. Each zone is considered separately in the risk assessment analysis because of the large differences in transport mechanisms and receptor exposure pathways between the two zones.

3.0 CONFIRMATION DATA ANALYSIS

3.1 Introduction

Analytical suites included in the Phase II confirmation samples that are relevant to the risk assessment analyses include: target analyte list (TAL) metals (herein referred to as inorganics); organic chemicals (HE compounds; semivolatile organic compounds [SVOCs]; volatile organic compounds [VOCs]; dioxins/furans; herbicides; pesticides; polychlorinated biphenyls [PCBs]); and radionuclides (cesium-137, uranium-234, uranium-235, and uranium-238). Table 3.1-1 summarizes the total number of Phase II confirmation samples used in the risk assessments by analyte group, including the division of samples into the biological and exposed tuff zone. The total number of Phase II confirmation samples collected for each analytical suite is summarized in Table 2.4-2 of the certification report. The data quality analysis of the Phase II confirmation samples, including a description of data qualifiers pertinent to the confirmation samples used in the risk assessment analyses, is provided in Appendix B of this report.

Samples from the biological zone are categorized as "soil" or "tuff" in the data evaluation. The designation of the matrix type, as determined at the time of sampling, was retained, with the exception that samples designated as "fill" are treated as "soil." All samples from the exposed tuff zone are treated as "tuff," regardless of the matrix type designated by the sampling team at the time of sample collection; this decision was made after the site visit by the risk assessment team (August 28, 2002), during which it was observed that the fine material that remains at the exposed tuff zone (apparent in surface anomalies, e.g., depressions or cracks in the tuff, that provide isolated and discontinuous microsites with a tendency to accrete fine materials/deposits) is unconsolidated tuff. This approach was agreed upon by LANL with the NMED and EPA Region 6 (LANL 2002, 73791).

A site map showing the locations of all Phase II final confirmation samples, the sample location grid, the extent of the biological and exposed tuff zones, and other features of the MDA P Site is provided as Figure 3.1-1. The biological zone includes all samples outside of the contiguous exposed tuff zone area.

3.2 Evaluation of Data

This section summarizes the comparison of the confirmation samples at the MDA P Site to LANL BVs for inorganics and radionuclides (LANL 1998, 59730). Also provided is a presentation of the organic chemicals detected in confirmation samples at the MDA P Site. The statistical analyses and calculations used in this assessment are detailed in Attachment 2 to this appendix.

3.2.1 Inorganic Chemical Comparison with Background

Biological Zone-- Soil

Ten of the 21 inorganic chemicals sampled for in the biological zone soil exceeded their respective BVs: antimony, barium, cadmium, chromium, cobalt, copper, lead, manganese, silver, and zinc. Table 3.2.1-1 summarizes the inorganic analytical data for the biological zone, including frequency of detection, range of concentrations measured in the confirmation samples, and a comparison of the concentrations of each analyte to the BVs determined for LANL soil (LANL 1998, 59730). Only 19 inorganic chemicals are listed in Table 3.2.1-1; because hexavalent chromium (Cr^{6+}) and perchlorate were not detected in any of the confirmation samples taken in the biological zone soil and were eliminated as COPCs. Essential macro-nutrients, such as calcium, magnesium, potassium, and sodium are not used to determine potential risk to receptors.

Box-and-whisker plots in Attachment 2 to this appendix (Figures B-1 through B-19) show the distribution of the background data sets relative to the distributions of the confirmation sample data sets. The box-and-whisker plots provide for a qualitative, visual comparison that can be used to clearly identify the following four cases:

1) Inorganic chemical concentrations in the confirmation samples that are all below the BV (e.g., aluminum in soil; Attachment 2, Figure B-1a). These inorganic chemicals are eliminated as COPCs based on the data comparisons;
2) Confirmation samples with inorganic chemical concentrations that exceed the BV and/or the maximum concentrations of the background data sets (e.g., aluminum in tuff; Attachment 2, Figure B-1a). These inorganic chemicals were preliminarily identified as COPCs based on the data comparisons;
3) Chemicals with median concentrations and/or data ranges that appear to be similar between the confirmation and background data sets, and the BV is exceeded by some confirmation samples (e.g., lead in soil; Attachment 2, Figure B-11a). These chemicals were preliminarily identified as COPCs; and
4) Chemicals with median concentrations and/or data ranges that are dissimilar between the confirmation and background data sets (e.g., barium in soil and tuff; Attachment 2, Figure B-4a).

Two statistical tests were used to determine whether the 10 inorganic chemicals preliminarily identified as COPCs in soil (Table 3.2.1-1) could be eliminated because the confirmation data sets are not statistically different from the background data sets.

The statistical tests used were a Wilcoxon Rank Sum (WRS) Test and a quantile test for comparisons of the distributions. Details of these statistical tests, including assumptions and methodology, are provided in Attachment 2. The WRS Test is a nonparametric distribution test of the hypothesis that samples within two data sets were taken from distributions with the same medians, i.e., it tests whether the background data and the confirmation data are similar. The quantile analysis is a nonparametric distribution evaluation of the differences in the upper tails of the distributions, i.e., it tests whether the upper end of

the confirmation data set is similar to the upper end of the background data set. By using two tests, a COPC that fails the WRS Test because of a limited number of relatively high concentrations when compared to background, may pass the quantile test and be eliminated as a COPC for the site. The quantile test can also be used to determine whether a data set with a low median relative to background and some exceedances of the BV is statistically different from the background data set. The quantile test is useful for detecting differences in the upper tails of the two data sets (in other words, to identify areas of elevated concentrations at a site). The two distributions within a test are assumed to possess the same variance. The quantile test is a test of the null hypothesis that the site data are not different from the background data, with respect to the upper tails of the distributions. One disadvantages of the quantile test is that it is not sensitive to the magnitude of the outliers (i.e., cadmium and zinc passed the quantile test with a single high concentration relative to background).

Inorganics were eliminated as COPCs for the following reasons:

- The maximum concentration in the confirmation samples was less than the corresponding BV.
- The distribution comparison passed for both the WRS and quantile test;
- The analyte failed the WRS test due to the fact that the site median was statistically different than background but was at a lower concentration and the distribution passed the quantile test; and
- The analyte passed the WRS test but failed the quantile test due to a very limited number of detection(s) greater than the BV.

Results of the WRS statistical comparisons of the 10 inorganic chemicals preliminarily identified as COPCs in soil (Table 3.2.1-1) are presented in Table 3.2.1-2. A significance level (p-value) of 0.05 was used to determine differences in the data sets; a p-value >0.05 indicates the data sets are not statistically different at a 95% confidence level. Two COPCs for the biological zone soil (copper and zinc) had distributions of the confirmation sample data sets that were not significantly different than the background data sets. The box-and-whisker plot comparisons support these results; for copper and zinc, which passed the WRS Test, the medians of the confirmation and the background data sets are quite similar (Attachment 2, Figures B-9a and B-19a, respectively). Results of the subsequent quantile distribution comparisons are presented in Table 3.2.1-3. Of the 10 inorganic chemicals, 8 passed the quantile test for the biological zone soil (antimony, cadmium, chromium, cobalt, lead, manganese, thallium, and zinc). The box-and-whisker plot comparisons indicate that there are limited numbers of concentrations detected above the BVs and the upper tails of the distributions are similar to those of the background data sets (Attachment 2, Figures B-2a, B-6a, B-7a, B-8a, B-11a, B-12a, B-17a, and B-19a, respectively). The results of the biological zone soil distribution comparison are summarized in Table 3.2.1-4. Note that silver could not be eliminated as a COPC based on the distribution comparison tests because a soil background data set for silver is not available. Thus, three inorganic chemicals were retained as soil COPCs for the biological zone based on the statistical analyses: barium, copper, and silver. Cobalt, lead, and zinc were retained as COPCs in the biological zone, regardless of the outcome of the statistical analyses, because they had one or more samples that exceeded soil or tuff background concentrations by several factors or more.

Table 3.2.1-5 presents the analytical results for all soil samples with detected inorganic chemical concentrations or detection limits exceeding BVs for the biological zone. Figures showing grid locations with samples greater than background were generated for the entire MDA P Site for all inorganic chemicals detected above background and are discussed in the context of the nature and extent of residual concentrations of chemicals at the MDA P Site (section 3.4).

Biological Zone—Tuff

Sixteen of the 20 inorganic chemicals sampled for in the biological zone tuff exceeded their respective BVs: aluminum, antimony, arsenic, barium, beryllium, chromium, cobalt, copper, iron, lead, nickel, selenium, silver, thallium, vanadium, and zinc. Table 3.2.1-1 summarizes the inorganic analytical data for the biological zone tuff, including frequency of detection, range of concentrations measured in the confirmation samples, and comparison of the concentrations of each analyte to the BVs determined for LANL tuff (LANL 1998, 59730). Cr^{+6} was not detected in any of the confirmation samples and is not listed in Table 3.2.1-1. Perchlorate was not sampled for in tuff. Essential macro-nutrients, such as calcium, magnesium, and potassium, are not used to determine potential risk to receptors.

Box-and-whisker plots in Attachment 2 (Figures B-1 through B-19) show the distributions of the background data sets relative to the distributions of the confirmation sample data sets. As with the soil confirmation samples, two statistical tests were performed to determine whether the 16 inorganic chemicals preliminarily identified as COPCs in tuff could be eliminated because the confirmation data sets were not statistically different from the background data sets.

Results of the WRS distribution comparisons of the 16 inorganic chemicals preliminarily identified as COPCs in tuff are presented in Table 3.2.1-2. Of the 16 inorganic chemicals, four COPCs for the biological tuff zone (arsenic, beryllium, lead, and zinc) had distributions of the confirmation sample data sets that were not significantly different from the background data sets. The box-and-whisker plot comparisons for arsenic, beryllium, lead, and zinc (Attachment 2, Figures B-3a, B-5a, B-11a, and B19a, respectively) support these results, as the medians of the confirmation data sets and the background data sets are quite similar. Results of the quantile distribution comparisons of the 16 inorganic chemicals are presented in Table 3.2.1-3. Of the 16 inorganic chemicals, 9 were eliminated as COPCs for the biological zone tuff, based on the quantile test (arsenic, beryllium, chromium, cobalt, iron, silver, thallium, vanadium, and zinc). The box-and-whisker plots support these conclusions, as iron, silver, and thallium have a limited number of concentrations above the BVs and the upper tails of the distributions are similar to those of the background data sets (Attachment 2, Figures B-10a, B-16a, and B-17a, respectively). Thus, eleven inorganic chemicals were retained as COPCs for the biological zone tuff: aluminum, antimony, barium, chromium, cobalt, copper, iron, lead, nickel, selenium, and vanadium. The results of the biological zone distribution comparison are summarized in Table 3.2.1-4. Cobalt, lead, and zinc were retained as COPCs in the biological zone, regardless of the outcome of the statistical analyses, because they had one or more samples that exceeded soil or tuff background concentrations by several factors or more.

Table 3.2.1-5 presents the analytical results for all tuff samples with detected inorganic chemical concentrations or detection limits exceeding BVs for the biological zone. Figures showing grid locations with samples greater than background were generated for the entire MDA P Site for all inorganic chemicals detected above background and are discussed in the context of the nature and extent of residual concentrations of chemicals at the MDA P Site (section 3.4).

Exposed Tuff Zone

Nineteen of the 21 inorganic chemicals sampled for in the exposed tuff zone exceeded their respective BVs for tuff: aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, vanadium, and zinc. Additionally, perchlorate, which was analyzed for in 33 samples does not have an associated BV and was retained as a COPC because it was detected in seven samples. Cr^{+6} was eliminated as a COPC because it was not detected. Table 3.2.1-6 summarizes the inorganic analytical data for the exposed tuff zone, including

frequency of detection, range of concentrations measured in the confirmation samples, and comparison of the concentrations of each analyte to the BVs determined for tuff (LANL 1998, 59730).

Box-and-whisker plots in Attachment 2 (Figures B-1 through B-19) show the distributions of the background data sets relative to the distributions of the confirmation sample data sets. As with the confirmation samples in the biological zone, two statistical tests were performed to determine whether the 19 inorganic chemicals above BVs could be eliminated because the confirmation data sets were not statistically different from the background data sets.

Results of the WRS Test distribution comparisons of the 19 inorganic chemicals preliminarily identified as COPCs in the exposed tuff zone are presented in Table 3.2.1-7. Of the 19 inorganic chemicals, two COPCs for the exposed tuff zone (arsenic and lead) had distributions of the confirmation sample data sets that were not significantly different from the background data sets. The box-and-whisker plot comparisons support these results; for arsenic and lead, which were removed based on the WRS Test, the medians of the confirmation and the background data sets are quite similar (Attachment 2, Figures B-3b and B-11b, respectively). Results of the subsequent quantile distribution comparisons of the 19 inorganic chemicals are presented in Table 3.2.1-8. Of these 19 inorganics, 6 could be eliminated as COPCs for the exposed tuff zone. For the inorganic chemicals eliminated as COPCs based on the quantile comparison, there are a limited number of concentrations above the BVs and the upper tails of the distributions are similar to those of the background data sets (Attachment 2, Figures B-6b, B-12b, B-16b, B-17b, and B-19b, respectively). Thus, 15 inorganic chemicals were retained as COPCs for the exposed tuff zone: aluminum, antimony, barium, beryllium, chromium, cobalt, copper, iron, lead, mercury, nickel, selenium, vanadium, and zinc; perchlorate was also retained as a COPC because it was detected and lacks a BV. The results of the exposed tuff zone distribution comparison are summarized in Table 3.2.1-9.

Table 3.2.1-10 presents the analytical results for all samples with detected inorganic chemical concentrations or detection limits exceeding BVs in the exposed tuff zone. Figures showing grid locations with samples greater than background were generated for the entire MDA P Site for all inorganic chemicals detected above background and are discussed in the context of the nature and extent of residual concentrations of chemicals at the MDA P Site (section 3.4).

3.2.2 Radionuclide Comparison with Background Values

Biological Zone—Soil

Four radionuclides that might be associated with historical operations at the MDA P Site were detected in the soil samples from the biological zone, for which 3 to 5 samples were taken: cesium-137, uranium-234, uranium-235, and uranium-238. However, none of these were detected at activities exceeding the soil BVs or fallout values (LANL 1998, 59730). Table 3.2.2-1 summarizes the radiochemical analytical data, including frequency of detection, established BVs, and range of activities measured in the confirmation samples for all detected radionuclides.

Biological Zone—Tuff

No radionuclides were sampled for in the biological zone tuff.

Exposed Tuff Zone

Three radionuclides that might be associated with historical operations at the MDA P Site were detected in the tuff samples from the exposed tuff zone: uranium-234, uranium-235, and uranium-238. However, none of these radionuclides were detected at activities exceeding the soil BVs. Table 3.2.2-2 summarizes

the radiochemical analytical data, including frequency of detection, established BVs, and range of activities measured in the confirmation samples for all detected radionuclides.

3.2.3 Evaluation of Organic Chemicals

Organic chemicals do not have background data for soil or tuff. The identification of organic COPCs is based upon whether a chemical is detected or not in the confirmation samples and does not require that the samples be separated by media type. Thus, all confirmation samples from the biological zone were grouped together for determining organic COPCs. Organic chemicals that were detected in less than 5% of the confirmation samples were eliminated as COPCs, per U.S. Environmental Protection Agency (EPA) guidance (EPA 1989, 08021).

Biological Zone

Nineteen organic chemicals were detected in one or more of the biological zone samples. However, 9 of these were detected in less than 5% of the samples and were eliminated as COPCs (EPA 1989, 08021); the remaining 10 organic chemicals were retained as COPCs for the biological zone: acetone, amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], Aroclor-1260, bis(2-ethylhexyl)phthalate, DDT[4,4'-] (dichlorodiphenyltrichloroethane), HMX (1,3,5,7-tetranitro-1,3,5,7-tetrazacyclooctane), RDX (1,3,5-trinitro-1,3,5-triazacyclohexane), toluene, and trinitrotoluene[2,4,6-]. Table 3.2.3-1 summarizes the organic analytical data, including frequency of detection, range of concentrations measured in the confirmation samples, and the maximum estimated quantitation limits (EQLs) for all detected organic chemicals. Samples with detected concentrations for the 10 organic COPCs are summarized in Table 3.2.3-2. Figures showing grid locations with detections of organic chemicals retained as COPCs were generated for the entire MDA P Site and are discussed in the context of the nature and extent of residual concentrations of chemicals at the MDA P Site (section 3.4).

Exposed Tuff Zone

Sixteen organic chemicals were detected in one or more of the exposed tuff zone samples. However, 7 of the organic chemicals were detected in less than 5% of the samples and were eliminated as COPCs (EPA 1989, 08021); the remaining 9 organic chemicals were retained as COPCs for the exposed tuff zone: amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], bis(2-ethylhexyl)phthalate, carbon disulfide, HMX, RDX, toluene, trinitrobenzene[1,3,5-], and trinitrotoluene[2,4,6-]. Table 3.2.3-3 summarizes the organic analytical data, including frequency of detection, range of concentrations measured in the confirmation samples, and the maximum EQLs for all detected organic chemicals. Samples with detected concentrations for the 9 organic COPCs are summarized in Table 3.2.3-4. Figures showing grid locations with detections of organic chemicals retained as COPCs were generated for the entire MDA P Site and are discussed in the context of the nature and extent of residual concentrations of chemicals at the MDA P Site (section 3.4).

3.2.4 Summary of COPCs for the MDA P Site

The COPCs identified for the MDA P Site, for both the biological zone and the exposed tuff zone, are summarized in Table 3.2.4-1. The inorganic chemicals are categorized by matrix type for the biological zone because the BVs used to determine COPCs are matrix-specific.

A total of 16 inorganic chemicals were retained as COPCs for further evaluation for the MDA P Site. Six inorganic chemicals were identified as COPCs for the biological zone soil (barium, cobalt, copper, lead, silver, and zinc). Twelve inorganic chemicals were identified as COPCs for the biological zone tuff (aluminum, antimony, barium, chromium, cobalt, copper, iron, lead, nickel, selenium, vanadium, and zinc). Fifteen inorganic chemicals were identified as COPCs for the exposed tuff zone (aluminum,

antimony, barium, beryllium, chromium, cobalt, copper, iron, lead, mercury, nickel, perchlorate, selenium, vanadium, and zinc).

A total of 12 organic chemicals were retained as COPCs for further evaluation for the MDA P Site. Ten organic chemicals were identified as COPCs for the biological zone (acetone, amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], Aroclor-1260, bis(2-ethylhexyl)phthalate, DDT[4,4'-], HMX, RDX, toluene, and trinitrotoluene[2,4,6-]). Nine organic chemicals were identified as COPCs for the exposed tuff zone (amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], bis(2-ethylhexyl)phthalate, carbon disulfide, HMX, RDX, toluene, trinitrobenzene[1,3,5-], and trinitrotoluene[2,4,6-]).

No radionuclides were identified as COPCs for the MDA P Site.

3.3 Conceptual Site Model

This section provides the framework for the conceptual model of COPC release, transport, and potential exposure to human and ecological receptors that may be impacted by residual contamination at the MDA P Site. Key elements of the conceptual model that are summarized include the following:

- Current site conditions;
- Past releases that are known, or are assumed, to have occurred at the MDA P Site;
- Identification of contaminated media based on past releases and transport mechanisms that previously operated at the site;
- Identification of contaminated media based on residual contamination and transport mechanisms that currently operate at the site;
- Identification of exposure pathways for potential human and ecological receptors to COPCs remaining within the MDA P Site footprint; and
- Identification of exposure pathways for potential ecological receptors due to current and historical transport of MDA P COPCs to Cañon de Valle.

Past Releases

The primary mechanism of past releases of chemicals at the MDA P Site is related to the former material disposal operations conducted at the site. Contamination of surface soils and tuff occurred through transport and dispersion from the contaminated debris and soil generated and accumulated during the operations at the MDA P Site. Additional releases likely occurred via leaching through the landfill contents and surface water runoff from the MDA P Site to the Cañon de Valle channel, located downgradient of the MDA P Site.

Contaminated Media—Past Releases

Soil and tuff are the contaminated media within the boundaries of the MDA P Site associated with past releases. The majority of COPCs identified for both the exposed tuff and biological zones are in soil and tuff at depths less than 5 feet. Surface water does not currently exist at the site and excavation and removal activities resulted in the elimination of all potential near-saturated and ponded water sources at the surface, eliminating surface water as a medium of concern within the boundaries of the MDA P Site. Groundwater is also ruled out as a potentially contaminated medium underneath the MDA P Site and contamination beneath the site does not extend to the depth of the regional aquifer (1200 feet). This is consistent with the findings of the Phase II focused geochemical study, which indicate that saturated conditions, as are observed along the Cañon de Valle stream, do not extend laterally to produce a continuous perched water table beneath the MDA P Site (LANL 2003, 77423). Also, the depth to the regional aquifer (1200 feet) precludes deep transport of residual contamination near the surface under

unsaturated conditions. The soil-to-groundwater pathway would be complete only if the surface hydrology changed such that ponded water was available to provide a hydraulic head for moving contaminants to groundwater; this scenario is ruled out for the site because of the lack of potential surface water sources at the site. Past releases that may have occurred via surface water runoff from the MDA P Site to the downgradient Cañon de Valle might have contributed to contamination of the sediments and surface water of the stream.

Contaminated Media—Current Conditions

As described for past releases, the only contaminated media currently within the boundaries of the MDA P Site are soil and tuff, for which the residual contamination is largely limited to depths less than 5 feet. Surface water within the boundaries of the MDA P Site and groundwater beneath the MDA P Site are not impacted by the residual contamination in the soil and tuff under current conditions. Currently, run-on is directed away from the site into two, adjacent watersheds, using natural and engineered landscape features. Runoff of precipitation that falls within the boundaries of the MDA P Site is generally diverted to the west and east of the site, into channels that terminate in Cañon de Valle. Large precipitation events may cause breaching of the diversion channels and result in sheet flow across the surface of the site, terminating in the Cañon de Valle.

Potential transport from the exposed tuff zone differs from that of the biological zone and the impact of transport from each zone is considered separately in the risk screening evaluations. Surface soils have been removed from the exposed tuff zone, which has also been denuded of all mature, native vegetation. Because there are currently no areas for ponding or with near-saturated conditions within the exposed tuff zone, the current conditions promote runoff and inhibit infiltration. Also, because the residual contamination is limited to the tuff, transport from the site is controlled primarily by the extremely slow rate of weathering of the tuff. Thus, while movement of contaminants via runoff is the most important transport mechanism from the exposed tuff zone, the actual rate of transport is directly proportional to the rate of weathering of the tuff; the weathering process of the tuff is best described in the context of geologic time (1000s of years), indicating that off-site transfer is negligible. Exposure of receptors in Cañon de Valle to residual contamination from the exposed tuff zone is also negligible.

Outside, and surrounding, the exposed tuff zone is the biological zone, which includes undisturbed locations or previously disturbed locations that have been reseeded/reclaimed. The soils in the biological zone are approximately 2 to 5 feet deep (though in some locations, soils may exceed 5 feet) and are inhabited by grasses and plants typical of successional or transitional areas that have been subjected to some kind of disturbance. Erosion of the topsoil that remains at the site within the biological zone has been mitigated by the implementation of Best Management Practices (BMPs), including slope stabilization and erosion control measures. Transport of residual contamination from the biological zone to Cañon de Valle is still possible through surface water runoff, though the presence of topsoil, plant cover, and the BMP features tend to promote infiltration of water within the surface soil, making runoff a minor transport pathway for the biological zone.

Natural, physiographic boundaries (terrain constraints) limit the lateral extent of both past and future transport. The off-site transport of contaminants is constrained by drainage channels to the east and west of the site and the up-gradient road to the south, such that all run-on and runoff is directed to Cañon de Valle. Because the Phase II confirmation samples cover the majority of the MDA P Site, including locations beyond the historic and current natural boundaries of the site, the lateral extent of residual contamination related to the MDA P Site has been sufficiently defined; in other words, locations subject to potential contamination from either historic use or transport processes have been appropriately captured by the confirmation sampling. Additionally, because the depth of the confirmation sampling

extends well below the residual contamination in the soil and tuff, the vertical extent of contamination has been sufficiently defined; in other words, locations subject to potential contamination from either historic use or historic transport processes have been captured by the confirmation sampling. The ecological impacts due to the transport of COPCs to the canyon are evaluated in a focused risk assessment for Cañon de Valle receptors (section 5.0).

Exposure Pathways—Human Receptors

Potential, complete exposure pathways from COPCs in surface soil and tuff include inhalation of fugitive dust and direct exposure to soil and tuff via dermal contact or incidental ingestion. Potential exposure pathways due to COPCs in subsurface soil and tuff would be complete only if contaminated soil or tuff were excavated and brought to the surface, in which case the potential exposure pathways would be similar to surface soil exposures. Weathering of tuff is the only viable natural process that may result in the exposure of receptors to COPCs in tuff; because of the slow rate of weathering expected for tuff, exposure to COPCs in tuff is negligible. This assessment assumes that a reasonable depth of exposure is 0 to 5 feet in soil; for consistency, 5 feet is also assumed to be the depth of exposure for tuff. This is conservative because 1) COPCs in tuff will cause exposure only as weathering occurs, and 2) the highest COPC concentrations are in samples within the top few feet of soil. Also, this is reasonable because the assumed 5-foot depth of exposure captures the average depth of soil and, thus, exposure to COPCs in soil at the site. Typically, potential risk to human receptors is determined based on exposure to COPCs in the top 10 feet of soil. For the MDA P Site, the majority of the samples are in the top 5 feet and those few COPCs below 5 feet are at lower concentrations. Thus, the exclusion of deeper samples results in a more conservative assessment because the 95% UCL concentrations based on the samples within the 0- to 5-foot interval are not "diluted" by the lower concentrations of the deeper samples.

Because no surface water currently exists at the site and excavation activities resulted in the elimination of all potential near-saturated and ponded water sources at the surface, potential human health exposure pathways due to surface water (dermal and ingestion) are incomplete and are not evaluated. Likewise, groundwater is ruled out as a potentially contaminated medium underneath the MDA P Site because no surface-to-groundwater pathways exist. Thus, pathways to the regional aquifer, which is located approximately 1,200 feet below the site, are incomplete are not evaluated.

Exposure Pathways—Ecological Receptors

The exposed tuff zone currently contains surface anomalies (e.g., depressions or cracks in the tuff) that provide isolated and discontinuous microsites with a tendency to accrete fine materials/deposits that can become microhabitats for plants. Thus, some isolated plants are growing within the exposed tuff zone. Use of the exposed tuff zone for foraging or other activities is not expected by animal receptors that may potentially inhabit areas proximal to the MDA P Site. This assessment assumes that a reasonable depth of exposure is 0 to 5 feet. As with the human health exposure, this is conservative because the highest COPC concentrations are in samples within the top few feet of soil and reasonable because this captures the average depth of soil and, thus, exposure to soil at the site. Exposure of ecological receptors to COPCs in tuff is expected to be minor because of the slow rate of the weathering of the tuff.

The remaining area of the MDA P Site footprint, which is yet undisturbed or has been reseeded/reclaimed, currently supports grasses and plants that may be used as forage items by ecological receptors. The shallow depth of the soil in the reclaimed footprint area (an average depth of approximately 2 feet, though as deep as approximately 5 feet in some locations near the east and west perimeters of the site) precludes deep-rooted plants and all but investigative burrowing activities by fossorial mammals, as detailed in the Ecological Scoping Checklist (Attachment 1). Complete exposure pathways for ecological receptors to COPCs in the surface soil and tuff in the biological zone include:

uptake by plants; dermal and ingestion pathways for animal receptors; and potential food web transfer because of dermal and ingestion uptake by animal receptors. As discussed previously, this assessment assumes that a reasonable depth of exposure is 0 to 5 feet, regardless of the media type (soil or tuff).

Undisturbed areas outside the MDA P Site footprint contain deeper soils (up to 5 feet and deeper) that supports mature vegetation (including deeper rooted shrubs and trees that are typical of the Rocky Mountain montane mixed conifer forest vegetation type). Significant habitat use by ecological receptors can be expected in these outlying areas, including foraging, nesting, and the development of established burrow systems (vs. investigative burrows within the reclaimed portions of the MDA P footprint) by fossorial mammals. Complete exposure pathways for ecological receptors to COPCs in the surface soil and tuff in the biologically viable areas outside the MDA P footprint include: uptake by plants and dermal and ingestion pathways for animal receptors; and potential food web transfer because of dermal and ingestion uptake by animal receptors. This assessment assumes that a reasonable depth of exposure is 0 to 5 feet, regardless of the media type (soil or tuff) and the exposure to COPCs in tuff is low because of the slow rate of the weathering of the tuff. The assessment of potential ecological risk to receptors in the outlying, undisturbed areas was combined with that for the biological zone within the MDA P footprint because of the similarity of the exposure pathways for ecological receptors and the site-related COPCs.

As with the exposure pathways for human receptors, pathways related to the exposure of ecological receptors to COPCs in surface water at the site are incomplete because no surface water currently exists at the site and excavation activities resulted in the elimination of all potential near-saturated and ponded water sources at the surface. Additionally, groundwater is ruled out as a potentially contaminated medium underneath the MDA P Site; thus, pathways to the regional aquifer, which is located approximately 1,200 feet below the site, are incomplete for ecological receptors at the MDA P Site.

3.4 Nature and Extent of Contamination

Figures with detailed information on the location of inorganic chemicals detected above background (Figures 3.3.2-1 through 3.3.2-13) and detected organic chemicals (Figures 3.3-14 through 3.3.2-19) are provided for those chemicals with more than 10 samples to be plotted as a pictoral description of the extent of residual contamination at the MDA P Site. These figures indicate whether a given sample was from the biological or exposed tuff zone, as well as the matrix type and depth of that sample. Sample locations are identified by Sample Identification numbers and concentrations for each sample are provided in tabular form on each figure. Samples mapped in the figures sometimes appear to be clusters. However, because the sample grids are 30 feet to a side, the actual degree of "clustering" may be misleading on a given figure; in other words, what appear as clusters may actually be isolated locations with concentrations higher than the BV, due to the scale of the sample grid. If a particular analyte had 50 or more sample locations to be displayed, the concentrations are not shown in a table on the figure, but are provided instead as contours. Because the majority of the inorganic chemical concentrations greater than BVs and detected organic chemical concentrations were in the upper surface (0 to 5 feet) of the soil and tuff at the site, all analytical data from 0 to 1 foot were contoured to display the surface concentrations for a given COPC. Contouring was done using Surfer 7.02 software (Surfer 2002, 73768); the default griding method was used (Kriging) and the contours were highly smoothed. The contour intervals were adjusted to fit the grid size of the Phase II sample locations.

The confirmation data adequately determined the horizontal extent of residual COPC concentrations at the site, as the sampling extended beyond the boundaries of excavation and beyond the natural hydrologic barriers that limit potential horizontal transport to the area between the east and west drainages.

Inorganic Chemicals

Each of the inorganic COPCs appears to have a unique spatial pattern of the locations that exceed BVs. Some inorganic COPCs appear to be wide-spread and others are very limited in the extent of residual contamination at the site; some COPCs appear to be clustered, while others have what appear to be random distributions. In general, the residual concentrations of inorganic chemicals are concentrated near, and within, the boundaries of the former SWMUs (the area of the excavation and removal activities) and therefore, there are generally decreasing trends laterally. Note that the observed trends in the lateral extent of residual contamination may be more an artifact of the extensive excavation activities performed at the site than historic transport of contaminants from the landfill contents to the soil and tuff.

Organic Chemicals

In contrast to the inorganic COPCs, the organic COPCs appear to have spatial patterns of locations with detections that are closely related to the previous site-related activities at the MDA P Site. Some organic COPCs are more ubiquitous than others, but most tend to follow a pattern that can be explained by the historical site uses of the MDA P Site. In general, the residual concentrations of organic chemicals are concentrated near, and within, the boundaries of the former SWMUs (the area of the excavation and removal activities) and therefore, there are generally decreasing trends laterally. Note that the observed trends in the lateral extent of residual contamination may be more an artifact of the extensive excavation activities performed at the site than historic transport of contaminants from the landfill contents to the soil and tuff.

3.5 Depth of Contamination

The investigation of residual contamination at depth was accomplished with the drilling of four boreholes in grid cells 516, 526, 554, and 557. The original commitment was to drill four boreholes to approximately 30 feet in grid cells that were determined to have the highest potential for residual contamination at depth. Subsequent discussions with LANL and NMED personnel determined that two boreholes would be drilled in locations where local drainage may have concentrated contaminants (grid cells 526 and 557) to a target depth of 10 feet below the level of the Cañon de Valle stream; an error in the elevational survey resulted in the two boreholes not reaching the target depth and the final depths of boreholes 526 and 557 reached the approximate elevation of the Cañon de Valle stream. The remaining two boreholes were drilled in grid cells 516 and 554 to depths of 32 and 100 feet, respectively. Although boreholes 526 and 557 did not reach their target depths, the four boreholes, as a group, met the objectives of defining the extent of residual contamination at depth because the vertical extent could be defined by the deep subsurface sampling analytical results. A fifth borehole located in grid cell 273 was drilled to 170 feet for the primary purpose of geologic logging; analytical data derived from the sampling of borehole 273 were included in the analysis of contamination at depth.

The main purpose of the Phase II confirmation samples collected at depth was to identify whether potential site-related COPC concentrations decrease with depth. All COPCs identified for the biological and exposed tuff zones (Table 3.2.4-1) are examined with respect to the distribution of concentrations with depth (Attachment 2, Figures B-20 through B-47). Figures of the inorganic chemical concentrations with depth (Attachment 2, Figures B-20 through B-35) show data for both zones, with no additional detail on whether an individual data point is from tuff or soil or whether it is a detection or a detection limit (such information is available in the box-and-whisker plots in Attachment 2 to this appendix). Figures of the organic chemical concentrations with depth (Attachment 2, Figures B-36 through B-47) do not distinguish between the two zones, but do indicate whether a given data point is a detection or a detection limit.

The confirmation data adequately determined the vertical extent of COPC concentrations in the subsurface soils and tuff at the site, as adequate data at depth were taken to conclude that only residual levels of COPC concentrations exist at depth and the majority of the depth sample results were either not detected or were detected at concentrations below established BVs.

Inorganic Chemicals

The majority of the inorganics identified as COPCs for the biological zone were due to exceedances of BVs for tuff. With very few exceptions, the soil and tuff samples exceeding the BVs in the biological zone and the samples exceeding BVs in the exposed tuff zone were taken between the surface and 4 feet. In general, below 4 feet, the concentrations decrease to background.

Organic Chemicals

In contrast to the inorganic COPCs, the organics were identified as COPCs due to detections in both soil and tuff, with three exceptions: Aroclor-1260, DDT[4,4'-], and toluene were retained as COPCs based on detection in a single soil sample. With few exceptions, all organic detections are from samples taken between the surface and 4 feet. Beyond this, the majority of organic COPCs are not detected and the isolated detections that do occur are at or below the maximum EQL, indicating that residual site-related concentrations of organic COPCs do not exist at depth.

4.0 SITE SCREENING ASSESSMENTS

4.1 Introduction

Potential adverse effects to both human and ecological receptors are evaluated for the residual contamination at the MDA P Site. The human health screening assessment was performed according to the approach in the NMED-approved IWP (LANL 1998, 62060) and LANL (2002, 72639). The ecological screening assessment was performed in accordance with the methodology presented in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783).

4.2 Human Health Screening Assessment

A human health screening assessment was used to determine if concentrations of COPCs defined in section 3.2 might result in potential unacceptable risk to human receptors.

4.2.1 Scoping

The MDA P Site exists within the active, operational area of TA-16 and lies entirely on DOE land. The site is isolated from public access by a security fence and security checkpoints. Based on the current and proposed future land use, the site will remain under LANL control and will continue to be used for industrial purposes. Potential human exposure pathways include inhalation of airborne particles or vapors, incidental ingestion of surface soil or tuff, and dermal contact with surface soil or tuff (section 3.3). The potential on-site receptors for both current and future land use will continue to be LANL employees, including both industrial and recreational land uses. However, this screening assessment assumed residential land use to support closure certification and corrective action decisions.

4.2.2 Screening Evaluation

The screening assessment is a comparison of COPC concentrations with screening action levels (SALs). The comparison was based on the 95% upper confidence limit (95% UCL) of the mean concentration of each COPC at MDA P, as presented in the approved SAP (LANL 1999, 63546). If a chemical was a COPC for either zone (biological and exposed tuff), it was assumed to be a COPC for the entire MDA P

Site. The derivation and calculation of the 95% UCL values is described in Attachment 2. This assessment assumes a 0- to 5-foot depth of exposure in soil and tuff.

Summary statistics for the COPCs identified at the MDA P Site are presented in Tables 4.2.2-1 (human health) and 4.2.2-2 (ecological screening).

Even though land use at the site is industrial, the SALs used in the screening evaluation reflect a residential exposure scenario, assuming exposure for 24 hours/day for 350 days/year (NMED 2000, 68554; EPA 2001, 71466). The SAL comparison is presented separately for noncarcinogenic and carcinogenic chemicals. The SALs for noncarcinogens are based on a hazard quotient (HQ) of 1.0; SALs for carcinogens are based on a target cancer risk of 10^{-6}. The 95% UCL concentration of each COPC was compared to its corresponding SAL for carcinogens, and 0.1 the SAL for noncarcinogens. The SAL comparisons are presented in Table 4.2.2-3 (noncarcinogens) and Table 4.2.2-4 (carcinogens).

The noncarcinogens identified in the data review (section 3.2) were aluminum, antimony, barium, beryllium, cobalt, copper, iron, lead, mercury, nickel, perchlorate, selenium, silver, vanadium, zinc, acetone, Aroclor-1260, amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], carbon disulfide, HMX, toluene, and trinitrobenzene[1,3,5-]. Among the noncarcinogenic COPCs, only barium and iron had a 95% UCL of the mean concentration greater than one-tenth the respective SAL (Table 4.2.2-3). The sum of the ratio of each COPC exposure calculated as the 95% UCL concentration divided by the respective SAL (i.e., the hazard index [HI]) was less than unity (0.8). This indicates that a human health hazard is not expected from exposure to co-located noncarcinogenic COPCs.

The carcinogens identified in the data review (section 3.2) were Aroclor-1260, bis(2-ethylhexyl)phthalate, chromium, DDT[4,4'-], RDX, and trinitrotoluene[2,4,6-]. None of the carcinogenic COPCs had a 95% UCL concentration above the respective SAL (Table 4.2.2-4), and were less than the NMED target risk level of 10^{-5} (NMED 2000, 68554). The cumulative cancer risk for the entire site was $6x10^{-7}$. Therefore, exposure in the MDA P Site does not result in an unacceptable risk to human receptors.

4.2.3 Additional Human Health Risk Analysis

An additional human health risk analysis was performed to account for potential exposure to a limited area of elevated COPC concentrations. A residential lot of 5400 square feet (~600 square meters) was used to represent the limited potential exposure area. A residential lot was selected for both the biological and exposed tuff zones to be consistent with the locations of high barium concentrations (see Figure 4.2.3-1), because barium was the primary risk driver for both zones. For the biological zone, a single high detection of barium in grid 189 was measured. The barium concentration in this grid was 6,630 mg/kg, which results in an HQ of 1.3. However this barium concentration was within the range of the other concentration evaluated in the residential lots. In addition, there were a limited number of analytical samples within the area of this grid. Therefore, grid 189 was not evaluated as a potential residential lot. There is some residual HE left on site (primarily RDX and HMX). However, because concentrations for the HE COPCs are below the SALs when evaluating MDA P as a whole, the additional analysis focused on barium as the primary COPC for human health. Although the screening analysis determined iron to be a potential risk driver, iron is an essential nutrient and is not expected to create toxicity concerns unless the site concentrations are substantially higher than background; because the 95% UCL concentrations of 10,349 milligrams per kilogram (mg/kg) are within the range of background data (maximum of 19,500 mg/kg), exposure to iron at the MDA P Site is similar to background. Figure 4.2.3-1 shows the barium contour (with locations of relatively high concentrations)

and lot layout for the additional human health risk analysis. The lots do not perfectly overlay the contours due to a couple of factors:

- The available analytical data within the grids, and
- The magnitude of the barium concentrations of the nearby grids.

In general, an effort was made to maximize the number of grids with confirmation samples and high barium concentrations.

The inorganic chemical concentrations were compared to the corresponding BV for each residential lot. Inorganic chemicals that were not greater than the BVs were not evaluated for each lot. Organics that were undetected within a lot were also not evaluated. The calculation of the 95 % UCL concentration was identical to the methodology summarized in Attachment 2. Summary statistics for the data sets used for the COPCs identified in the two residential lots are presented in Tables 4.2.3-1 and 4.2.3-2.

Among the noncarcinogenic COPCs in the biological zone residential lot, only barium had a 95% UCL concentration greater than one-tenth the respective SAL but less than the SAL (Table 4.2.3-3), similar to the initial screening results. The sum of the ratio of each COPC exposure calculated as the 95% UCL concentration divided by the respective SAL was less than unity (0.4), indicating that a human health hazard is not expected from exposure to co-located noncarcinogenic COPCs in the biological zone lot.

Only RDX had a 95% UCL concentration slightly above the SAL (Table 4.2.3-4). The cumulative excess cancer risk from exposure to carcinogenic COPCs in the biological zone residential lot was approximately $4x10^{-6}$, which is less than NMED's target risk level of 10^{-5} (NMED 2000, 68554). Therefore, the residential lot in the biological zone does not pose an unacceptable risk to human receptors.

Among the noncarcinogenic COPCs in the exposed tuff zone residential lot, only aluminum, barium, and iron had 95% UCL concentrations greater than one-tenth their respective SALs (Table 4.2.3-5). The sum of the ratio of each COPC exposure calculated as the 95% UCL concentration divided by the respective SAL also slightly exceeded unity (1.7). However, approximately 1/2 of this is due to iron, which is an essential nutrient and is similar to background (95% UCL is less than maximum background concentration of 19,500 mg/kg (LANL 1998, 59730). None of the noncarcinogenic COPCs exceeded the SAL for the 95% UCL concentration.

RDX was the only carcinogenic COPC with a 95% UCL concentration slightly above its respective SAL (Table 4.2.3-6). The cumulative cancer risk from exposure to carcinogenic COPCs for the residential lot in the exposed tuff zone was approximately $1.2x10^{-6}$, which is less than NMED's target risk level of 10^{-5} (NMED 2000, 68554). Therefore, the residential lot for the exposed tuff zone does not pose an unacceptable risk to human receptors.

Evaluation of the residential lots did not change the area-wide results of the screening assessment, although the noncarcinogenic risk increased slightly within the exposed tuff zone lot (from 0.8 to 1.7). Therefore, the site as a whole and the residential lots within each zone do not pose a potential hazard to human health, even with the conservative exposure assumptions used.

4.2.4 Uncertainty Analysis

The analysis presented in this human health screening assessment is subject to varying degrees and kinds of uncertainty. Aspects of data evaluation and COPC identification, exposure assessment, toxicity assessment, and the additive approach all contribute to uncertainties in the risk assessment process.

4.2.4.1 Data Evaluation and COPC Identification Process

A primary uncertainty associated with the COPC identification process is the possibility that a chemical may be inappropriately identified as a COPC. It is unlikely that inorganic chemicals were inappropriately excluded as COPCs because the only detected inorganic chemicals excluded were those determined to be below the associated BV or those with data sets not significantly different than background. Aluminum and iron in the exposed tuff zone residential lot and iron in the site-wide comparison had 95% UCL concentrations greater than 0.1 of the respective SAL, but less than the SAL. Concentration measured in soil and tuff at the MDA P Site for these two inorganic chemicals are not considered a concern for human health for two reasons: 1) the high values for these inorganic chemicals are in the tuff and are, thus, unavailable for exposure; and 2) the 95% UCL concentrations are within the range of soil and tuff background concentrations (LANL 1998, 59730), indicating that exposure to site-wide or residential lot concentrations is similar to background. Also, iron is an essential nutrient for which concentrations in soil would need to be substantially higher than background before they become a concern to human health. Thus, HI values calculated for the whole area and the residential lots are primarily due to barium and are less than 1.0.

It is unlikely that organic chemicals were inappropriately excluded as COPCs because the only detected organic chemicals not retained for analysis were those that were detected in less than 5% of the confirmation samples.

Uncertainties associated with the inorganic and organic chemical data include sampling errors, laboratory analysis errors, and data analysis errors. For the MDA P Site, these uncertainties are expected to have little effect on the results even though many detected concentrations of organic COPCs were qualified J, indicating that the values were less than EQLs and could only be estimated.

4.2.4.2 Exposure Assessment

Three main uncertainties were identified in the exposure assessment process.

1) *Identification of Receptors.* The human health screening evaluation is a conservative comparison of the 95% UCL concentration with SALs based upon a residential land-use scenario. To the degree that actual activity patterns are not represented by those activities assumed by the residential land-use scenario, uncertainties are introduced in the assessment. Because the potentially exposed individual is an industrial worker, the screening assessment based on a residential scenario overestimates the exposure and, therefore, the potential hazard and risk to human receptors. The same is true if the receptor is a recreational user (e.g., hiker, jogger, etc.). If, however, future land use becomes residential, the assessment appropriately addresses potential human health risks.
2) *Exposure Pathway Assumptions.* A number of assumptions are made relative to exposure pathways, including: input parameters, whether or not a given pathway is complete, the contaminated media to which an individual may be exposed, and intake rates for different routes of exposure. In the absence of site-specific data, the exposure assumptions used were consistent with EPA-approved parameters and default values (EPA 2001, 71466). When several upper-bound values (as are found in EPA 2001, 71466) are combined to estimate exposure for any one

pathway, the resulting risk can exceed the 99th percentile of "expected risk" and therefore, exceed (overestimate) the range of risk that may be reasonably expected. Also, the assumption that residual concentrations of chemicals in the tuff are available and cause exposure in the same manner as if they were in soil overestimates the potential risk to receptors. Therefore, the HI of 1.7 is an overestimation of the potential hazard at the site within the exposed tuff zone.

3) *Derivation of Exposure Point Concentrations.* Some uncertainty is introduced in the concentration aggregation of data for estimating the representative COPC concentrations (95% UCL) at the site. Risk from a single location or area with relatively high COPC concentrations may be "diluted" by using a representative, site-wide value. Thus, an additional analysis based on locations of high concentrations of barium (the only COPC to exceed 0.1 SAL in both zones) was performed to address this uncertainty. The use of the 95% UCL is intended to provide a protective, upper bound (e.g., conservative) on the average COPC concentration at the site, which is more likely to lead to an overestimation of the concentration representative of average exposure to a COPC across the entire site.

4.2.4.3 Toxicity Assessment

The primary uncertainty associated with the SALs is related to the derivation of toxicity values used in their calculation. EPA toxicity values (reference doses [RfDs] and slope factors [SFs]) were used to derive the SALs used in this risk screening assessment (EPA 2001, 70109; EPA 1997, 58968). Uncertainties were identified in three areas with respect to the toxicity values: 1) extrapolation from animals to humans, 2) extrapolation from one route of exposure to another route of exposure, and 3) individual variability in the human population.

1) *Extrapolation from Animals to Humans.* The SFs and RfDs are often determined based on extrapolation from animal data to humans, which may result in uncertainties in toxicity values because differences exist in chemical absorption, metabolism, excretion, and toxic responses between animals and humans. The EPA takes into account differences in body weight, surface area, and pharmacokinetic relationships between animals and humans to address these uncertainties in the dose-response relationship; however, conservatism is usually incorporated in each of these steps, resulting in the overestimation of potential risk.
2) *Extrapolation from One Route of Exposure to Another Route of Exposure.* The SFs and RfDs often contain extrapolations from one route of exposure to another that result in additional conservatisms in the risk calculations. For example, an extrapolation from the oral route to the inhalation and/or the dermal route was used in this assessment (EPA 2001, 71466) and differences between the two exposure pathways contribute to the uncertainty in the estimation of potential risk at this site.
3) *Individual Variability in the Human Population.* For noncarcinogenic effects, the degree of variability in human physical characteristics is important both in determining the risks that can be expected at low exposures and in defining the no-observed-adverse-effect level (NOAEL). The NOAEL uncertainty factor approach incorporates a 10-fold factor to reflect individual variability within the human population that can contribute to uncertainty in the risk assessment; this factor of 10 is generally considered to result in a conservative estimate of risk to noncarcinogenic COPCs.

4.2.4.4 Additive Approach

For noncarcinogens, the effects of exposure to multiple chemicals are generally unknown and possible interactions could be synergistic or antagonistic, resulting in either an overestimation or underestimation of the potential risk. Additionally, RfDs used in the risk calculations typically are not based on the same endpoints with respect to severity, effects, or target organs. Therefore, the potential for noncarcinogenic

effects can be overestimated for individual COPCs that act by different mechanisms and on different target organs but are addressed additively.

4.2.5 Interpretation of Results

Overall, the uncertainties associated with the evaluation of human health risks to residual concentrations of COPCs in the soil and tuff of the MDA P Site overestimate potential risk to human receptors. A detailed analysis of risk due to exposure at locations with high concentrations of barium (the main risk driver at the site) indicate that there is no potential, unacceptable risk to human health in either the biological or exposed tuff zone.

The noncarcinogenic HI values ranged from 0.8 (site-wide) to 1.7 (exposed tuff zone) based on 95% UCL concentrations; none of the individual COPCs exceeded a HQ of 1.0. Approximately half of the HI of 1.7 (0.7) is due to iron, which is an essential nutrient and has a 95% UCL within the range of background concentrations. In addition, COPCs in this lot are in the tuff so exposure is unlikely; the HI for the exposed tuff zone residential lot overestimates the potential hazard to receptors. Given the uncertainties and the overestimation of the hazard, the HIs for the site and for the residential lots do not exceed NMED's target HI of 1.0 (NMED 2000, 68554) and do not pose a potential hazard to human health.

Concentrations of carcinogenic COPCs were less than their respective SALs. The incremental excess cancer risk ranged from $6x10^{-7}$ (site-wide) to $4x10^{-6}$ (residential lot). The risk levels are below the NMED target cancer risk level of 10^{-6} (NMED 2000, 68554). Therefore, the site as a whole and the residential lots within each zone do not pose a potential unacceptable risk to human health.

4.3 Ecological Screening Assessment

The footprint of the MDA P Site is located on the TA-16 mesa and canyon slope directly adjacent to, and south of, Cañon de Valle in the vicinity of a perennial reach of the stream channel within the canyon. The Conceptual Site Model (section 3.3) indicates that the primary transport of COPCs from the MDA P Site to the canyon occurs via hydrologic processes and potentially affects the canyon's terrestrial and aquatic habitats. Thus, the assessment of potential ecological risk is designed to evaluate potential risk to receptors from residual COPC concentrations at the MDA P Site as well as potential risk to ecological receptors in the Cañon de Valle.

The assessment of ecological risk for the MDA P Site is composed of the scoping evaluation, which defines the focus of the screening assessment. The screening assessment assesses potential risk to ecological receptors at the MDA P Site based on residual COPC concentrations measured in the Phase II confirmation samples. The screening assessment concludes with a problem formulation, which evaluates constituents of potential ecological concern (COPECs) identified in the screening evaluation based on site-specific information and an analysis of the screening results within the context of established background concentrations. The third part of the assessment is a focused ecological risk assessment of the COPECs carried forward from the problem formulation that evaluates adverse effects in Cañon de Valle from historic contaminant transport into the canyon to both aquatic and terrestrial receptors. The focused evaluation integrates the effects of the multiple contaminant sources to canyon receptors, in addition to the effects from MDA P Site COPCs.

4.3.1 Scoping

The scoping evaluation provides the ecological framework for the screening assessment. Scoping establishes the breadth and focus of the ecological screening process and is based on the ecological scoping checklist (Attachment 1) and the Conceptual Site Model (section 3.3).

An ecological scoping checklist (Attachment 1 of this appendix) was completed prior to the start of the assessment of potential risk to ecological receptors at the MDA P Site. A site visit (August 28, 2002) was conducted in conjunction with the completion of the ecological scoping checklist. One of the objectives of the visit was to confirm that the risk assessment approach, which was defined prior to the Phase I excavation, was reasonable for the post-excavation conditions (LANL 1999, 64783).

As described in section 3.3 (Conceptual Site Model), the MDA P Site is composed of two distinct zones: 1) an exposed tuff zone that is largely bereft of plants and for which little or no evidence of animal activity was observed during the site visit, and 2) a biological zone that has topsoil and is populated by either successional/transitional plant species (grasses and herbaceous plants and forbs) in the areas disturbed during the Phase I excavation or mature, native vegetation typical of the Rocky Mountain mixed conifer vegetative type in the undisturbed areas of the MDA P Site. Evidence that the biological zone is used by both small mammals (e.g., soil mounding by burrowing mammals) and large mammals (e.g., tracks and scat) was noted during the site visit.

As agreed upon by LANL with the NMED and EPA Region 6 (LANL 2002, 73791), the "exposed tuff area of the site doesn't need a quantitative ecological risk assessment including generation and review of hazard quotients" and the "preferred approach is a qualitative ecological risk assessment" consisting of a written discussion documenting that the various exposure pathways are not complete in this area of the site. COPCs in the tuff are generally immobile and become available to receptors only as a function of the slow rates of weathering of the tuff. Vegetation, though present in some microsites, is sparse and not expected to have contact with COPCs to the degree that population-level effects would occur from this limited exposure to COPCs in the exposed tuff zone. Also, the vegetation is not present in sufficient quantities to result in uptake through the food chain combined with the unlikely scenario of use or foraging by ecological receptors because of the unsuitable habitat. Therefore, the contact that wildlife receptors might have with COPCs in the exposed tuff zone does not drive population-level effects in the wildlife receptors. Thus, the exposure of receptors to COPCs in the exposed tuff zone is not evaluated quantitatively in this assessment.

Because potentially complete pathways exist for exposure to COPCs in the biological zone, the following terrestrial receptors were evaluated quantitatively in this screening assessment for the biological zone, representing several feeding guilds and trophic levels:

- plants,
- soil-dwelling invertebrates (represented by the earthworm),
- deer mouse (mammalian omnivore),
- vagrant shrew (mammalian insectivore),
- desert cottontail (mammalian herbivore),
- fox (mammalian carnivore),
- American robin (avian insectivore, omnivore, and herbivore), and
- American kestrel (avian insectivore and carnivore); surrogate for avian threatened and endangered (T&E) species.

Of the terrestrial receptors being evaluated, only the vagrant shrew is not expected to be of concern for the MDA P Site because it requires free water for survival—a medium that does not exist at the site and that has been eliminated from consideration as a potential exposure medium for the MDA P Site footprint. However, because the shrew represents the insectivorous feeding guild for mammals, which is not specifically represented by any of the other terrestrial receptors, the shrew was retained and evaluated in the MDA P Site screening assessment.

4.3.2 Screening Evaluation

The ecological screening evaluation identifies COPECs and is based primarily on the comparison of representative COPC concentrations (95% UCL concentrations) at the site to ecological screening levels (ESLs). This comparison is summarized in the calculation of HQs for each COPC and screening receptor.

The hazard quotient (HQ) is defined as the ratio of the representative contaminant concentration in the exposure medium being investigated to the dose that has been determined to be potentially acceptable to a given ecological receptor. The higher the contaminant levels relative to the ESLs, the higher the potential risk to receptors; conversely, the higher the ESLs relative to the contaminant levels, the lower the potential risk to receptors. HQs greater than 0.3 are identified as COPECs requiring additional evaluation (LANL 1999, 64783). The HI is the sum of HQs; an HI greater than 1.0 is considered an indication of potential adverse impacts to a given receptor from exposure to multiple chemicals at a site. Additionally, chemicals without associated ESLs are retained as COPECs and require further evaluation. The HQ/HI analysis is a conservative indication of potential adverse effects and is designed to minimize the potential of overlooking possible COPECs at the site.

The calculation of representative COPC concentrations is presented in Attachment 2. ESLs were obtained from LANL's ECORISK database version 1.4 (LANL 2002, 72802), as presented in Table 4.3.2-1.

HQ Summary for Ecological Screening Assessment

All COPCs identified for the biological zone, with the exception of lead and nickel, were identified as chemicals requiring further evaluation because one or more HQ exceeded 0.3 or because there was no ESL available for one or more of the receptors for a given COPC (Table 4.3.2-2). Nickel and lead were eliminated as COPECs because all receptors had an associated ESL and all HQs were less than 0.3. All other chemicals are discussed in detail below in the Problem Formulation.

As presented in Table 4.3.2-2, HI values for the terrestrial receptors range from 1.75 for the top carnivore American kestrel to 464 for the plant. Per EPA guidance (EPA 2000, 73306), aluminum "is identified as a COPC only at sites where the soil pH is less than 5.5." pH levels measured in confirmation samples form the MDA P Site range from 5.8 to 7.4 in tuff and 6.8 to 7.6 in soil, indicating that aluminum at the MDA P Site is unavailable to ecological receptors. With aluminum eliminated, barium and cobalt are the largest contributors to the HI values for each receptor, while vanadium and DDT[4,4'-] also contribute to the HI for some receptors.

4.3.3 Problem Formulation

This section provides an evaluation of the screening assessment results in the context of assumptions and conservatisms used in the screening process, in order to determine whether or not the results are ecologically meaningful and if additional analysis is required. Table 4.3.2-2 shows the COPCs that failed the screening against ESLs.

Inorganic COPCs

A number of the HQs determined for inorganic COPCs are not meaningful estimations of potential risk because the ESLs are below the soil and tuff BVs. In addition, the 95% UCL concentrations, determined for all the inorganic COPCs except for barium, copper, and cobalt, are within the range of the background data sets for soil, indicating that the exposure of receptors to the representative site concentrations of inorganic chemicals is similar to background. Thus, the HQ/HI analysis was performed a second time after removing ESLs below the associated soil BV from the analysis (Table 4.3.2-3, see "NC" entries). The majority of the inorganic COPCs (except antimony, barium, and cobalt) are eliminated as COPECs because the elevated HQs were based on ESLs that were less than BVs. Furthermore, all of the inorganic COPCs (except for barium) have 7 or fewer detections in soil above the soil BV, indicating that the residual concentrations of inorganic chemicals in the biological zone are in the tuff and are unavailable to receptors. As a result, the majority of the inorganic COPCs (except barium) are not retained as COPECs.

COPC concentrations in tuff are eliminated from further consideration because the contaminants are absorbed into the porous rock matrix. Exposure pathways to receptors are incomplete. Plant exposure to COPCs in tuff is limited to the fractures near the surface, which does not produce sufficient biomass to support an herbivore population. Consequently, the contaminants in tuff are unavailable to receptors and cannot cause adverse population-level effects. Although weathering of the tuff will eventually release these contaminants, the COPC concentrations will be similar to or less than the soil concentrations.

Organic COPCs

Table 4.3.2-2 shows DDT[4,4'-] was the only organic COPC that failed the screen because of an HQ greater than 0.3 (for the insectivorous and omnivorous robin and both kestrels). However, DDT[4,4'-] was detected in only one soil sample and had HQs of 3.0 or less, which are not expected to result in adverse population-level effects to the robin or kestrel. Therefore, DDT[4,4'-] is eliminated as a COPEC.

Three organic COPCs (acetone, Aroclor-1260, and bis[2-ethylhexyl]phthalate) had ESLs for most or all of the wildlife receptors and all HQs were less than 0.3. Furthermore, these COPCs were detected in only one sample (acetone and Aroclor-1260) or 8 samples (bis[2-ethylhexyl]phthalate). Because of the low numbers of detected concentrations, these COPCs are not expected to cause adverse population-level effects. All detected concentrations measured for these COPCs were at or below the maximum EQLs, indicating that only trace concentrations are present at the site. Although there are no ESLs for these COPCs for plants and invertebrates, the plants at the site are healthy. Because these organic chemicals are infrequently detected at low concentrations, and HQs for receptors with ESLs are less than 0.3, acetone, Aroclor-1260, and bis(2-ethylhexyl)phthalate are not retained as COPECs.

The remaining organic chemicals (amino-2,6-dinitrotoluene[4-], amino-4,6-dinitrotoluene[2-], HMX, RDX, toluene, and trinitrotoluene[2,4,6-]) have mammalian ESLs, but are lacking ESLs for the avian receptors and may also lack an ESL for either the plant or invertebrate. All HQs for the mammalian receptors are less than 0.3, and in many cases are at least an order of magnitude lower than 0.3; thus, there is no further evaluation warranted for the mammalian receptors. The plants observed at the site are healthy and no observable adverse effects to the flora were noted during the August 28, 2002, site visit, indicating that plants are not being adversely affected by residual concentrations of COPCs in the biological zone and that no additional evaluations are required for the plants. If a ten-fold uncertainty factor were applied to the available mammalian ESLs and used to estimate avian HQs, then depending on the surrogate ESL used for a given receptor/COPC combination, the resulting HQs would be less than 1.0 for all avian receptors except for RDX, where the resulting HQs are greater than 1.0 but less than 5.0. Lastly, except for RDX that was detected across the site in both soil and tuff, there are infrequent

detections of organic chemicals in soil, indicating that the residual concentrations of these organic chemicals in the biological zone are in the tuff. Because of the low number of detected concentrations in soil and given the time required for the weathering of the tuff to become an exposure medium for receptors, these organic COPCs (except for RDX) in tuff are not expected to cause adverse population-level effects.

Problem Statement for the Ecological Risk Assessment

The COPECs barium and RDX warrant further site-specific evaluation in an ecological risk assessment. All other inorganic and organic analytes are eliminated as COPECs for the MDA P Site. COPCs in the tuff are not of concern for the receptors at the MDA P Site or in Cañon de Valle because the exposure pathways are incomplete. Future exposures to COPCs in the tuff are directly related to the rate of weathering, which is slow and not likely to result in adverse ecological impacts.

Barium is retained for additional analysis because HQs based on the representative site concentration indicated potential risk to all ecological receptors except the kestrel top carnivore (the surrogate for avian T&E receptors). RDX is also recommended for additional analysis because the avian receptors lack ESLs and estimated HQs based on assumptions related to available mammalian ESLs indicated that potential risk to avian receptors could not be definitively eliminated.

5.0 ECOLOGICAL RISK ASSESSMENT FOR THE MDA P SITE

5.1 Introduction

The ecological risk assessment was performed to address the two COPECs that could not be eliminated from the screening analysis for the MDA P Site: barium and RDX. This assessment uses the results of the Cañon de Valle ecological risk assessment to address the potential adverse effects from these COPECs. This section includes a revisit of the conceptual site model developed for the screening assessment, a summary of the Cañon de Valle study results as they relate to the transport of barium and RDX to the canyon and the subsequent exposure of both aquatic and terrestrial receptors, and an interpretation of the results.

5.2 Conceptual Site Model

5.2.1 Historic Transport From the MDA P Site

As presented in section 3.3, the conceptual site model for the MDA P Site includes the potential for exposure to ecological receptors in Cañon de Valle due to releases of contaminants from the MDA P Site. Historic releases to Cañon de Valle from the MDA P Site include the off-site transport of COPCs via surface erosion and the potential leaching of water through the landfill contents to surface water and sediments. To the extent that contaminants were transported to the canyon from the MDA P Site prior to the source removal, the historic contaminant signatures in the canyon from the MDA P Site may not correspond with residual COPC concentrations identified in the Phase II confirmation samples, though the primary contaminants (barium and HE compounds, including RDX) are common to both. Consequently, the ecological risk assessment of Cañon de Valle in support of the MDA P Site closure certification and corrective action includes all the COPECs that were identified in the canyon, including barium and RDX.

The MDA P Site is one of several historic contaminant sources to Cañon de Valle and is not the dominant source. The 260 outfall (SWMU 16-021[c]-99) is identified as the dominant source of contaminants for the canyon (Phase II RFI for Potential Release Site 16-021[c]). Additionally, MDA-R (SWMU 16-019) and the Silver Outfall (SWMU 16-020), up-canyon from the MDA P Site are

contributors of contaminants to the canyon. Figures 5.2.1-1 and 5.2.1-2 show the down-canyon profile of barium concentrations for the overbank soils and the active channel sediments. The location of the MDA P Site is also shown for each plot. The zero distance is the location of the 260 outfall. The overbank plot shows five relatively high barium concentrations between the 260 outfall and the MDA P Site. All the other overbank data show a lack of trend with location in the canyon. The active channel sediment plot includes a locally smoothed line fit to approximate and average barium concentration with location in the canyon. The active channel shows a general barium concentration decline below the MDA P Site. Both plots show higher barium concentrations up-gradient of the MDA P Site. These plots support the assertion that the MDA P Site has not been nor currently is a major contributor of barium to the canyon. Other COPCs have similar patterns.

The COPC concentration patterns, as represented by the barium plots, indicate that ecological investigations for adverse effects in Cañon de Valle that include the MDA P Site reach are also useful for evaluating historic effects from the MDA P Site.

The current adverse ecological effects determined for the Cañon de Valle receptors represent risk from the historic loading of COPECs into the Cañon de Valle system. These present-day contaminant signatures and inventories are expected to be the worst-case condition because the MDA P Site has been excavated and other sources of contaminant discharges to the canyon have been eliminated. With time, concentrations will decline and inventories will dissipate with the continued influence of hydrologic processes in the canyon. Because of the historic transport of COPECs to the canyon, the conceptual site model for the MDA P Site is expanded to include potential ecological receptors associated with the both the terrestrial and aquatic systems of Cañon de Valle.

5.2.2 Cañon de Valle Conceptual Site Model

Effluent discharges from TA-16, including the 260 outfall (SWMU 16-021(c)-99), silver outfall (SWMU 16-020), Building 16-540 (steam plant), roof drains, and parking lot runoff all served to augment the surface flow in Cañon de Valle and to transport contaminants into the natural systems of the canyon. Data from media samples collected in the canyon show HE and metals, especially barium, to be present in surface water, alluvial groundwater, soils and sediments.

With the elimination of discharges from the 260 outfall in November 1996 and the steam plant in January 1997, the aquatic regime of the canyon is receding to pre-laboratory conditions. During the drought of year 2000 Burning Ground Spring (up-gradient of the MDA P Site) continued to flow but the rest of the canyon was mostly dry. Flow from SWSC Spring (also up-gradient of the MDA P Site) ceased in the fall of 2001 and has yet to recover as of this writing. It is unknown whether the loss of flow in SWSC Spring is because of the drought or because the spring was induced by 260 outfall effluent.

A geomorphic survey and map has been completed for 2500 meters (m) of the canyon from the silver outfall (SWMU 16-020) to below the MDA P Site. The canyon bottom averages 23 m in width over the mapped reach and generally intersects a cliff-forming unit of the Bandelier tuff to the north and a colluvial slope to the south. This is characteristic of many east-west trending canyons of the Pajarito Plateau. The distinction between soil and sediment in this report is a matter of location relative to the active channel of the canyon. Sediment refers to material in the active channel of the canyon, while soil refers to overbank and floodplain sediment deposits as well as the terraces, fans, and colluvial slopes. Soil samples collected as part of the geomorphic investigation were analyzed for metals and HE.

The overbanks that are influenced by contaminant transport and deposition average 6 m in width and consist of sorted fine material. The highest concentrations of COPECs are in units that have been

deposited since LANL commenced operations. The geomorphic mapping approach distinguishes two overbank units and a floodplain unit that has been impacted by LANL contaminants. They are designated as *c2* and *c3* for the overbanks and *f1* for the floodplain. The active channel is poorly sorted indicating that transport in the system tends to occur under higher energy and short duration events. These events do not provide conditions that sort the transported material into deposits with different particle sizes. The balance of the canyon bottom area, nominally 75%, is made up of Quaternary terraces. These features are abandoned by channel incision and no longer experience flood flows. The distribution of contaminant concentrations across the geomorphic feature types is presented in Figure 5.2.2-1.

Vegetation in the canyon from the silver outfall to Peter Seep (up-gradient of the MDA P Site) consists largely of a closed canopy mixed conifer stand. Ground vegetation in this reach is sparse. Vegetation over the next kilometer is a mosaic of closed canopy areas with sparse ground cover and open canopy areas with dense grasses and forbs. The reach that bounds the toe of the MDA P Site is open and densely vegetated with groundcover. Other locations up canyon that are similar to this reach are the SWSC Cut, and Burning Ground Spring. About 100 m below the MDA P Site, the overstory vegetation opens up and the canyon bottom widens, resulting in dense groundcover and understory vegetation dominated by Gambel Oak. The overbanks that are heavily vegetated with grasses and forbs are effectively armored against erosive forces during flood flows.

The problem formulation phase of the ecological risk assessment pilot for Cañon de Valle identified potential adverse impacts to aquatic, riparian and terrestrial systems in the canyon, as discussed further in section 5.3.

5.3 Ecological Risk Assessment Approach

The footprint of the MDA P Site is located on the TA-16 mesa and canyon slope directly adjacent to, and south of, Cañon de Valle in the vicinity of a perennial reach of the stream within the canyon. The Conceptual Site Model (section 3.3) indicates that the primary transport of COPCs from the MDA P Site to the canyon occurs via hydrologic processes and potentially affects the canyon's terrestrial and aquatic habitats. Thus, the assessment of potential ecological risk is designed to evaluate risk to receptors from residual COPC concentrations at the MDA P Site as well as risk to ecological receptors in the Cañon de Valle.

As discussed in section 4.3, the ecological risk assessment for the MDA P Site is composed of three elements. The first and second elements define the scope of the assessment and assess potential ecological risk to COPC concentrations remaining within the MDA P Site boundaries. The third element is the focus of this section, which is comprised of a focused ecological risk assessment of the COPECs carried forward from the problem formulation in steps one and two that evaluates adverse effects in Cañon de Valle from historic contaminant transport into the canyon to both aquatic and terrestrial receptors. This focused evaluation integrates the effects of the multiple contaminant sources to canyon receptors, in addition to the effects from MDA P Site COPCs.

The remainder of this section defines the scope of the assessment of Cañon de Valle receptors relative to MDA P Site COPCs and summarizes previous Cañon de Valle assessment results in order to provide the framework for the additional assessment activities performed in Cañon de Valle that are being used to support the Closure Certification of the MDA P Site.

5.3.1 Scope of the Assessment

The areal extent of this assessment includes the footprint of the former the MDA P Site and the terrestrial and aquatic habitats in Cañon de Valle that could be affected by historic (or future) contaminant transport

from the MDA P Site. The assessment considers terrestrial effects for the former facility and aquatic and terrestrial effects in the canyon. The data used to support this assessment are:

- Post-excavation Phase II confirmation sample data for the MDA P Site;
- Sediment profile data collected in 1996 for the active channel in Cañon de Valle;
- Overbank samples collected for the fluvial geomorphology characterization in 1999;
- Water samples collected from April 1994 to March 1999;
- Small mammal population and contaminant body burden data collected in 2001;
- Sediment toxicity testing results collected in 2001; and
- Synoptic benthic macro-invertebrate community data collected in 1996 and 1997.

The data sources were subset to assess the MDA P Site impacts where these data extend substantially beyond the area of influence for the MDA P Site or where the data show concentration trends in the canyon that are not relevant to this facility.

5.3.2 Cañon de Valle Problem Formulation Results Summary

The problem formulation phase of the ecological risk assessment for Cañon de Valle identified potential adverse impacts to aquatic, riparian and terrestrial systems in the canyon. The results of that analysis are summarized in Table 5.3.2-1. The natural resources investigations to collect evidence of adverse effects are described in "Cañon de Valle Terrestrial Ecological Risk Assessment Pilot, Steps Four and Five: Study Design and Implementation Plan" (Tardiff 2002, 73764) and "Cañon de Valle Aquatic Ecological Risk Assessment Pilot, ERA-S Steps Four and Five: Study Design and Implementation Plan" (Tardiff 2003, 73730).

The screening ecological risk assessment methodology developed for LANL (LANL 1999, 64783) was used to identify COPECs for the Cañon de Valle, as was done for the MDA P Site terrestrial receptors. The initial risk assessment screen compared measured COPC concentrations (in soil, water, and sediment) to receptor-specific ESLs to determine HQs for Cañon de Valle receptors (Tables 5.3.2-1, 5.3.2-2, 5.3.2-3, and 5.3.2-4). HQs are provided for the minimum, maximum, and the 95% UCL median concentrations for detected values. The UCL on the median is used instead of the UCL on the mean because it better represents the middle of the data when the data are highly skewed or there are non-detects. The three HQs for each COPEC are an indication of the extent to which the site data exceed a given ESL.

5.3.2.1 Terrestrial System

The problem formulation assessment identified six COPECs in overbank soils that exceed the screening ESLs: barium, silver, lead, copper, HMX, and RDX. Summary information for HQs with minimum, maximum and the 95% UCL median concentrations are provided in Table 5.3.2-2. This table shows that copper and lead have a full complement of eleven screening values; barium and silver are missing the invertebrate endpoint: RDX is missing six endpoints; and HMX is missing seven endpoints. Endpoints are missing because toxicology studies have not been included in LANL's Ecorisk database for these contaminants. In some cases, such as avian endpoints for HMX and RDX, extensive searches of the literature have yet to identify relevant studies. This is consistent with Talmage et al. (1999, 63021), which states that no subchronic or chronic feeding studies of HE compounds were found for avian species.

Table 5.3.2-2 shows great variability in the extent to which the COPECs exceed screening values. A single screening endpoint value was exceeded by the maximum RDX concentration with an HQ of 1.1. An HQ of 1.1 would typically be acceptable and the COPEC dropped from further consideration. RDX is

carried forward because of the large number of unavailable screening values. In contrast to RDX, all barium screening endpoint values were exceeded by the maximum concentration and four of those endpoint values were exceeded by the minimum concentration. The highest HQ for barium is 1,600.

5.3.2.2 Aquatic System

The problem formulation assessment identified six COPECs in water and ten COPECs in sediment that exceed screening ESLs (LANL 2000, 67822). The details of the COPEC comparisons to ESLs are provided in Table 5.3.2-3 for water and Table 5.3.2-4 for sediments. The water COPECs are aluminum, barium, cadmium, cobalt, manganese, and silver. Each of the water COPECs has the full complement of nine screening endpoints. The sediment COPECs are barium, cobalt, copper, lead, silver, thallium, vanadium, di-n-butylphthalate (DNBP), HMX, and RDX. The sediment COPECs are missing 8 of the possible 30 COPEC:endpoint pairs. The three COPECs in common for water and sediment are barium, cobalt, and silver. HMX and RDX are included as COPECs for active channel sediment because ESLs are not available for the swallow and aquatic community.

The screening value exceedances for cadmium, cobalt, manganese, and silver in water are associated with generic aquatic community criteria (LANL 2000, 67822). These criteria originate from a variety of sources including laboratory toxicity studies (60 FR 56; and 20.6.4 NMAC "Standards for Interstate and Intrastate Surface Waters"). The aquatic community endpoint is designed to be protective of the resource, not predictive of potential adverse effects. Hence, they are conservative values based upon species assemblages that do not necessarily populate the canyon aquatic system. The screening value exceedances for aluminum and barium include the aquatic community endpoint and mammalian wildlife drinking water pathway. The wildlife drinking water exceedances for aluminum are associated with alluvial groundwater and range in HQ from 1 to 2.2, based on the 95 % UCL median concentration. The barium wildlife drinking water exceedances are associated with surface water and alluvial water and range in HQs from 1.3 to 2.7, also based on the 95% UCL median concentration. Given the assumptions, uncertainties, and conservatisms built into the drinking water pathway these HQs are not different from the screening values.

The sediment endpoint exceedances include the generic sediment community endpoint, the little brown bat, and the violet-green swallow. The bat and swallow endpoints for sediment are based upon wildlife models where exposure of the receptor to contaminants in sediments occurs through ingestion of emergent aquatic insects. The sediment aquatic community endpoint is derived from a variety of studies including freshwater and marine sediments and organisms. These studies may not be relevant to Cañon de Valle. However, they are useful as general indicators of contaminant concentrations that warrant further consideration.

5.3.2.3 Conclusions from the Problem Formulation

The potential for adverse effects to the terrestrial system from barium and HMX in soil is indicated by the large HQs for the concentrations of these contaminants. The lack of screening information regarding HMX and RDX for the avian and invertebrate endpoints leaves a gap in the information for making risk-based decisions regarding residual concentrations of site-specific COPCs.

The screening assessment results for the aquatic system show large HQs for contaminants in water and sediment associated the aquatic community, and for bat and swallow via the emergent insect pathway. Additionally, the lack of screening values for RDX and HMX in sediments leaves questions regarding the potential effects of these two contaminants that are present in the canyon system. The bat and swallow results require considerations of the extent to which populations of these receptors can be supported by

the emergent insects from the canyon. Given the limited extent of these resources, it is very unlikely that adverse effects to bats or insectivorous birds are realized.

The possible terrestrial effects from barium and HMX, the generic aquatic community results, and the lack of information for HE in terrestrial and aquatic receptors indicates that an empirical study to assess adverse effects in Cañon de Valle is needed.

5.4 Assessment Endpoints

The environmental values, or assessment endpoints, to be protected for Cañon de Valle and the MDA P Site consist of features of the canyon relative to the surrounding landscape and the resident threatened species. Cañon de Valle is one of many canyons incised into the Pajarito Plateau. This canyon has a perennial spring and an alluvial seep in the vicinity of the TA-16 facilities. The presence of water in the canyon is ecologically important to the viability of many species in this semi-arid environment. Additionally, the canyon supports a multi-leveled overstory of mixed conifer, aspen and oak with grasses and forbs on overbanks and terraces. The combination of perennial water and diverse vegetation make the canyon a relatively attractive location for endemic fauna. The Mexican spotted owl has a nesting site down-canyon from the MDA P Site and is likely to hunt in the canyon.

Specific assessment endpoints that were addressed with measures of effects are:

- Community viability of small mammals as an indication of contaminant impacts upon maximally exposed taxa across trophic levels and foraging guilds in the terrestrial environment.
- Contaminant concentrations in the food web as an indication of potential impacts to carnivores including the Mexican spotted owl, a resident threatened species in the canyon.
- The capacity of the perennial reach of the canyon to support an aquatic community as an indication of the extent to which contaminants have impaired sediment and water quality.

5.4.1 Terrestrial Study Design

The screening ecological risk assessment methodology uses eleven terrestrial biotic screening endpoints. They are kestrel as carnivore, kestrel as omnivore, robin as herbivore, robin as omnivore, robin as insectivore, desert cottontail, deer mouse, fox, shrew, soil invertebrate, and plant. The rationale for selecting the small mammal community for assessing adverse effects in Cañon de Valle is summarized below and fully described in "Cañon de Valle Terrestrial Ecological Risk Assessment Pilot, Steps Four and Five: Study Design and Implementation Plan" (Tardiff 2002, 73764).

Small mammal community is a practical choice for biota sampling for adverse terrestrial effects in Cañon de Valle. Small mammals reside in the canyon year-around and the populations are sufficiently abundant to provide multiple individuals for population estimates and to determine the amounts of contaminants taken up and stored by individuals in their body tissues through soil ingestion and food web transfers, i.e., contaminant body burdens. Additionally, small mammals are a dominant prey species for the carnivores active in the canyon, including the Mexican spotted owl. Contaminant body burden data from small mammals provides the information necessary to make direct estimates of contaminant intake by carnivores, obviating most of the assumptions in contaminant transfer models.

The trophic level of a small mammal species generally influences the rate of accumulation of contaminants relative to soil concentrations. Sample, et al. (1998, 72726) found that bioaccumulation is highest in insectivores and lowest in herbivores. Three endpoint species under consideration are: mountain cottontail (an herbivore), deer mouse (an omnivore), and dusky shrew (an insectivore). Based

upon home range, the potential for bioaccumulation, and prey size preferences of the Mexican spotted owl, the dusky shrew and deer mouse populations are best suited for assessing contaminant transfers to top carnivores. Given the propensity for higher body burdens, these species are also likely to elicit population responses to COPECs if such responses are occurring. If necessary, the differences in diet between the two mammals can be used to differentiate body burdens associated with trophic levels. Finally, the reproductive rate of these species is such that individuals removed for analysis will be quickly replaced within the populations and negative consequences to the food chain from sampling are very unlikely.

5.4.1.1 Terrestrial Measures of Effects

Small mammal community metrics and body burdens were collected for Cañon de Valle and Pajarito Canyon, the latter being a reference (i.e., uncontaminated) location. The lines of evidence evaluated are number of species, body weight, reproductive status classes for each species, population density estimates, and contaminant body burdens.

5.4.1.2 Field Study Synopsis

Small Mammal Population Estimates

Small mammal trapping arrays were established in Cañon de Valle and Pajarito Canyon. Trapping was conducted during May 2001 and again in September to October 2001. Pajarito Canyon was selected as the reference canyon based on its similarity to Cañon de Valle with respect to topography, elevation, water presence and quantity, vegetation, and burn severity from the Cerro Grande fire in 2000. Each array for a canyon consisted of two 5-by-20 grids with ten-m spacing between traps. Each grid had a footprint of 40 m x 190 m. The two grids were separated by a minimum of 100 m to prevent trapping competition for individuals. Two Sherman live traps were located at each of 80 (4 x 20) intersections. The line of traps closest to the creek had a pitfall trap paired with a Sherman live trap at each intersection (1 x 20). The double trap configuration at each grid node was used to equalize the trapping effort between the locations adjacent to the creek where pitfall traps and live traps were combined with grid locations away from the creek. This was necessary for generating population estimates that are unbiased for location.

The trap lines followed the lay of the land using the stream channel as the baseline. The live traps were baited to attract herbivores and omnivores. Insectivores, such as shrews, typically do not respond to bait but are usually caught in pitfall traps. In the late afternoon, Sherman traps were opened and baited. Bait was a mixture of peanut butter and sweet feed (molasses coated horse feed). Pitfall traps were also opened in the afternoon. The traps were checked early in the morning. Traps that had not been tripped by animals were then closed and all tripped traps were collected for animal processing.

Animals collected on nights 1 through 3 were weighed and measured (body length, tail length, hind foot length, and ear length). Sex and species were determined. Reproductive status was recorded, and the trap number was noted. The animals were also ear tagged and then released. Animal characteristics were recorded only on the first day of capture for each individual. Each day trap number and ear tag numbers were recorded for all animals captured or recaptured. After the fourth night of trapping, all information on new captures was recorded and any recaptures were noted. The dusky shrew, selected as a study species, was not trapped on any of the field collection/trapping dates. Because of the low number of captures in the spring, all species but deer mice (*Peromyscus maniculatus*) were released. During spring sampling, blood samples (from the interorbital region) for Hantavirus screening were obtained from deer mice only. In the fall, blood samples from brush mice (*Peromyscus boylli*), deer mice, and wood rats (*Neotoma mexicana*) were obtained for Hantavirus screening. All other species were released after

capture. The University of New Mexico (UNM) Medical School performed all of the screening. All target species were euthanized on the last day of trapping during each trapping session. Only animals that screened negative for Hantavirus were analyzed for contaminants.

Population densities were estimated using Leslie's regression method (Seber 1982, 72730) applied to each grid where daily total numbers of captures were plotted against the cumulative daily captures. Confidence intervals were calculated at 95% using the general method (Seber 1982, 72730). Mean percent daily capture rates were calculated and compared to 1993 data where similar sites were trapped (Raymer and Biggs 1994, 56038). Species composition of each canyon was determined as well as a comparison of sex ratios, reproductive stages, and mean weights. Parametric and nonparametric analysis of variance were performed on weights to test for differences between the grids. However, because of the low capture numbers and the differences in the amount of captures within the four grids, the statistical results are primarily descriptive.

Body Burden Analysis

On the final night of live trapping, individuals of the relevant species were sacrificed for body burden analysis. Blood samples were collected from all specimens and screened for Hantavirus by UNM in accordance with their standard operating procedures for this analysis. Negative Hantavirus screening results are necessary prior to shipping the whole body samples to the analytical laboratory for body burden analysis. Each sample submitted for chemical analysis of whole body burden had a live weight of 15 grams (g) or more to provide sufficient material for analysis. The body burden data are used to compare COPEC concentrations between Cañon de Valle and the reference canyon and to estimate the dose of COPECs to the Mexican spotted owl.

Samples were submitted to the analytical laboratory for the analysis of HE and TAL metals. The details of the calculated minimum detection limits for estimating risk relevant doses to the Mexican spotted owl are provided in "Cañon de Valle Terrestrial Ecological Risk Assessment Pilot Steps Four and Five: Study Design and Implementation Plan" (Tardiff 2002, 73764).

5.4.2 Aquatic Study Design

The screening ecological risk assessment methodology for aquatic systems uses twelve biotic screening endpoints. They are generic aquatic community; generic sediment community; drinking water exposure pathway for kestrel, robin, swallow, bat, cottontail, deer mouse, shrew, fox; and emergent aquatic insect prey pathway for bat and swallow.

5.4.2.1 Aquatic Measures of Effects

Synoptic benthic macro-invertebrate surveys and toxicity testing with *Chironomus tentans* were selected for assessing adverse effects in the Cañon de Valle aquatic system. The study design is summarized below and fully described in "Cañon de Valle Aquatic Ecological Risk Assessment Pilot, Steps Four, Five and Six: Study Design and Implementation Plan" (Tardiff 2003, 73730).

Biotic Survey

Cañon de Valle is somewhat limited in survey options for aquatic resources because it is a very small stream that does not support fish. The lack of fish is due to the perennial reach being disconnected from any larger body of water and its small dimensions (average width 50 cm, average depth 7 cm), and lack of sufficient pool cover to protect fish populations from freezing and drought.

The benthic macro-invertebrate community is an appropriate option for a synoptic survey. The species in this community reside in or on sediments, are continually exposed to the contaminants in the water column, and they feed on detritus and microorganisms. The consumption of microorganisms incorporates food chain effects into the macro-invertebrate exposures. This community was surveyed in 1996 and 1997 and was shown to be well-developed in Cañon de Valle (NMED 1999, 73769). These data are used to assess community effects in Cañon de Valle relative to the reference stream reaches on the Pajarito Plateau.

A synoptic survey of benthic macro-invertebrates was conducted for riffle habitat in Cañon de Valle, Pajarito Canyon, Los Alamos Canyon, and Guaje Canyon. The latter three canyon reaches are reference streams. The lines of evidence evaluated are number of species, presence of sensitive species, and comparisons of community metrics between the two canyons.

Toxicity Test

Two general approaches are available for conducting toxicity tests: the use of water column test organisms or sediment-dwelling test organisms. Given the nature of the aquatic system in Cañon de Valle, organisms that live in sediments are more representative of contaminant exposures to endemic biota than are water column organisms.

The midge, *C. tentans*, is a toxicity test organism that is well-documented for its toxic responses to contaminants, widely used in toxicity testing, and is reared from laboratory populations. Additionally, the genus *Chironomus* is present in Cañon de Valle. A cursory literature review provided in ASTM (1995, 73729) indicates that the test species, *C. tentans,* was among the most sensitive of 24 species evaluated with Great Lakes sediments. In various studies, the midge tended to be less sensitive than the amphipod *Hyalella azteca* for some metals and equivalent to or more sensitive than *H. azteca* for pesticides. A study by DeFoe and Ankley (1998, 73783) showed that the sensitivity of the *C. tentans* 10-day test is greatly increased by measuring growth in addition to survival. While a single species cannot represent the toxic responses for all the members of the community, *C. tentans* is related to the Cañon de Valle aquatic community and appears to have contaminant sensitivities that can indicate whether adverse effects are present.

Sediment samples were collected in Cañon de Valle and Starmer's Gulch for toxicity testing with *C. tentans* using the EPA 10-day survival and growth protocol with daily static renewal using site water (EPA 2000, 73776). The lines of evidence evaluated are survival and growth of the test organisms (Pacific Ecorisk 2001, 73775).

5.4.2.2 Field Study Synopsis

Benthic Macro-invertebrate Survey

Benthic macro-invertebrate samples were collected in Cañon de Valle below the MDA P Site using a modified Hess sampler (EPA 1999, 73728). The samples were preserved in the field and sorted in a laboratory by NMED personnel. Similar samples were collected in Los Alamos Canyon above the reservoir, Guaje Canyon, and Pajarito Canyon. All sampling was conducted in 1996 and 1997, prior to the Cerro Grande fire. Taxonomic identifications were provided by J. Jacobi, with chironomid identifications provided by D. McGuire. Data for number of species, species densities and relative abundances were used to calculate comparative community metrics. A summary of the metric comparisons between Cañon de Valle and Los Alamos Canyon are provided in (NMED 1999, 73769). The comparisons to upper Guaje Canyon and upper Pajarito Canyon are documented in NMED presentation materials regarding macro-invertebrates (NMED 1998, 73772).

Toxicity Testing

Toxicity testing with *C. tentans* was conducted in accordance with the EPA Protocol 100.2 (EPA 2000, 73776). Survival and growth was measured for each of the eight replicates for each site and control. Three sets of sediment and water samples were collected for this assessment. Two locations were above and below the reach of Cañon de Valle that bounds the MDA P Site and the third location, Starmer's Gulch, is a reference location. The testing protocol starts with ten third instar larvae in each exposure vessel and exposes them to the site sediments for 10 days. The overlying water in the test vessels is replaced each day. Site water and sediment was used for each location in order to incorporate any toxicity associated with either media in the test results. At the completion of the test, the number of surviving larvae are counted for each replicate and the surviving larvae are dried, ashed, and the ash-free dry weight is determined. Ash-free weight is a better indicator of growth because it removes that component of larval weight due to gut contents. This is especially important when the amount of organic matter in sediment samples differs among the sites. Highly organic sediments have a lower specific gravity than mineral sediments, resulting in a downward bias in dry-weight based growth for larvae from organic sediments.

5.5 Field Study Results

5.5.1 Terrestrial Measures of Effects

Five measures of effects were described in the study design section. They are

- Number of small mammal species,
- Population density estimates,
- Reproductive status classes for each species,
- Body weights, and

5.5.1.1 Number of Small Mammal Species and Density Estimates

The spring trapping was conducted from May 21 through May 24, 2001 in Cañon de Valle and Pajarito Canyon. Two species were captured in both canyons: deer mouse and Montane vole (*Microtus montanus*). The numbers of individuals for each species, by canyon were 21 deer mice and 4 Montane voles in Cañon de Valle and 8 deer mice and 1 Montane vole for Pajarito Canyon.

The autumn small mammal trapping was conducted from September 25 through September 28, 2001. This campaign produced five species in Cañon de Valle and three species in Pajarito Canyon for the same trapping effort as the spring campaign. The species, numbers of individuals and reproductive status classes for the spring and fall are provided in Table 5.5.1-1.

Population densities for deer mice were estimated for each trapping grid in both canyons. The results are presented in Table 5.5.1-2. Densities were estimated using Leslie's regression method (Seber 1982, 72730) applied to each grid where daily total numbers of captures were plotted against the cumulative daily captures. Confidence intervals were calculated at 95% using the general method (Seber 1982, 72730). Low capture numbers and some trapping mortality resulted in violating some of the assumptions for the density estimation technique. Consequently, the results may be biased high. However, the density estimates are meaningful for relative comparisons among the trapping grids.

A population density estimate is not provided for the upper trapping grid in Cañon de Valle for the autumn data. The new-capture numbers for deer mice for that period and grid are 5, 4, 8, and 6 individuals for each of the four nights. Density estimation techniques assume that there are a finite number of individuals in a small mammal population and consequently the number of new captures

(individuals not previously caught and tagged) each night will decline over the trapping period. If trapping were to continue for a sufficient number of nights, eventually all individuals would be caught at least once and no new captures would be possible. This assumption necessarily depends upon no recruitment of individuals from outside the population area, and a trapping period duration that is not impacted by births or mortality. The higher numbers of new-captures on the third and fourth trapping nights produce a nonsensical density estimate with the Leslie regression technique; other estimation methods would produce similar results.

5.5.1.2 Reproductive Status Classes

The seven reproductive status classes used in this investigation are juvenile female, juvenile male, pregnant female, lactating female, non-reproductive female, non-scrotal male and scrotal male. Table 5.5.1-1 presents reproductive status classes for each of the species collected in the spring and fall trapping campaigns. Cañon de Valle had six reproductive classes in the spring and seven classes in the fall. Pajarito Canyon had three reproductive classes in the spring and six classes in the fall. The lower number of reproductive classes in Pajarito Canyon correspond with the lower number of individuals caught in that canyon.

5.5.1.3 Body Weights

Body weights of new captures were collected during the trapping campaigns. These data were used to determine whether there are differences in body weights that might be associated with contaminants in Cañon de Valle. For each species, the data were categorized by canyon of origin and sex of the individuals. Sex was used as a category to identify systematic sex-linked differences in weight that could mask differences due to contaminants if the sexes were combined. Weight data were investigated for deer mice in the spring and fall, and for brush mice and wood rats in the fall. Other species either had insufficient numbers for both canyons or were captured in only one canyon.

Data summaries for small mammal weights, by species and sex, and statistical testing results are presented in Tables 5.5.1-3(a, b). Juvenile weights were excluded from these summaries and statistical analyses because weight is one of many ways in which juveniles are unstable. Two statistical methods were used for each data set. The Kruskal-Wallis is a nonparametric test for comparing multiple groups of data using ranks. The results of this test are robust against the data not being normally distributed or the variances being unequal. The result of a parametric analysis of variance is also provided. The four data sets (Cañon de Valle males, Cañon de Valle females, Pajarito Canyon males, and Pajarito Canyon females) showed no differences in body weights between the canyons or sexes. The results are presented as "Four Groups" in Tables 5.5.1-3(a, b). Testing of the four groups is not shown for the wood rat data because of insufficient sample numbers.

The data were also assembled into two groups, Cañon de Valle and Pajarito Canyon, with the sexes combined. These results are presented in Table 5.5.1-3b as "Two Groups" in the statistical testing results for each species. All of these comparisons are not significant, with the exception of the Kruskal-Wallis test for the brush mouse weights. In this case, the Kruskal-Wallis test has a p-value of 0.024 and the analysis of variance has a p-value of 0.074. Figure 5.5.1-1 shows the weight data for the brush mouse, by canyon, sex and reproductive status.

All the brush mouse body weights are within normal weight ranges for this species. The lower weights in Cañon de Valle are associated with the non-reproductive females and the non-scrotal males. These two classes are individuals in transition between the juvenile class and the sexually mature adult classes. In both cases, the individuals have the pelage of adults but have yet to become sexually mature. These two classes characteristically show large variations in body weight, depending upon where individuals are in

their maturation. A change in pelage and the onset of adult status typically occurs by the time an individual weighs approximately 11 g. Brush mouse adults frequently weigh over 20 g, as seen in Figure 5.5.1-1. Because the differences in weight between the canyons are due to differences in transitional reproductive status classes, the statistical difference is not biologically meaningful.

5.5.1.4 Contaminant Body Burdens

Six deer mice were collected in each of Cañon de Valle and Pajarito Canyon for contaminant body burden analysis during the spring 2001 trapping campaign. The analyses were conducted on whole-mouse subsamples in order to represent the dose to the Mexican spotted owl. Each mouse was analyzed for TAL metals and HE.

5.5.1.5 Estimated ESLs for the Mexican Spotted Owl

The NOAEL concentrations for the Mexican spotted owl were developed for each of the six terrestrial COPECs. For ecological risk screening, the NOAEL is used as the ESL. Toxicity reference values (TRVs) were used for each of the chemicals for avian or mammalian carnivore receptors. The TRV is the dose in milligrams (mg) of the chemical in food or water per kilogram (kg) of receptor body weight per day (mg/kg-d) that results in a NOAEL. The TRVs are obtained from laboratory studies and require scaling equations in order to apply the information to other receptors such as wildlife. Avian TRVs were used for the metals. As noted earlier, avian toxicity studies for HE have not been published. Consequently, mammalian TRVs were used to develop HE NOAELs for the owl.

Two factors, in addition to TRVs, are necessary for calculating Mexican spotted owl NOAELs: body weight and rate of food consumption. The Mexican spotted owl's average body weight is 600 g, (Dunning 1993, 73795). An estimated daily food consumption rate was developed using two approaches. A daily food consumption rate of 42 g for a 600 g bird was computed using the Nagy equation for "all birds" (Nagy 1987, 62782), as provided in the Wildlife Exposure Factors Handbook (EPA 1993, 59384). This value has a food dry weight per live bird body weight basis.

The Wildlife Exposure Factors Handbook (EPA 1993, 59384) also provides life history information, including daily food intake rates, for four raptors. They are kestrel, red-tail hawk, osprey, and bald eagle. A regression of food consumption rate versus body weight for these species provides an intake estimate of 0.2 body weight per day for the owl. The value of 0.2 is equivalent to a consumption rate of 120 g per day for a 600 g owl. This value has a food fresh weight per live bird body weight basis. The ratio of 42 g dry weight to 120 g fresh weight (0.35) closely approximates the typical factor of 0.3 for converting fresh weight to dry weight. The 120 g fresh weight value is used to calculate required quantitation limits because it relates directly to the owl consumption rate. Table 5.5.1-4 provides the TRVs and the calculated NOAELs for each of the COPECs.

Figure 5.5.1-2 shows boxplots of the deer mouse body burden data, by COPEC, for each canyon. Each plot also has a cursor line that represents the Mexican spotted owl ESL. The data are presented as filled symbols for detects and open symbols for non-detects. All of the Cañon de Valle data are below their respective ESLs. All the HE results were non-detects. Barium showed elevated values relative to Pajarito Canyon with the highest value being 24 mg/kg, which is below the Mexican spotted owl ESL of 63 mg/kg. Two lead values from Pajarito Canyon exceeded the ESL; there are no apparent problems with the laboratory data and the reason for these high values has not been determined.

5.5.2 Aquatic Measures of Effects

Five measures of effects were described in the study design section. They are

- Number of benthic macro-invertebrate species,
- Presence of sensitive species,
- Benthic macro-invertebrate community metrics,
- *C. tentans* toxicity test survival, and
- *C. tentans* toxicity test growth.

5.5.2.1 Number of Benthic Macro-invertebrate Species

Thirty-three taxa of benthic fauna were collected in Cañon de Valle. Most of the taxa were identified to species. Some of the dipterans could only be identified to genus. Pajarito Canyon, the most similar reference site to Cañon de Valle, had 25 taxa, upper Los Alamos Canyon had 42 taxa, and Guaje Canyon had 26 taxa.

5.5.2.2 Presence of Sensitive Species

Three metrics are available to assess sensitive species. One is the number of taxa in the orders Ephemeroptera, Plecoptera, and Trichoptera (EPT). These orders are generally considered to be sensitive to pollutants and their presence at a site indicates that if pollution is present, it is most likely at low levels. The second metric consists of the ratio of EPT to EPT plus the Chironomids. *Chironomidae* is one of the taxonomic families of true flies. They are typically tolerant of pollution-impacted conditions. If they dominate the assemblage of taxa for a site, then the site warrants evaluation for pollution impacts. The third metric is the community tolerance dominance quotient (CTDq) from the biotic community index of Winget and Mangum (1979, 75926). For the first two metrics, larger values indicate better site quality. For the CTDq, lower values indicated better site quality.

Table 5.5.2-1 presents the values of these metrics for Cañon de Valle and each of the three reference sites.

5.5.2.3 Benthic macro-invertebrate community metrics

A total of eleven community metrics were computed by Ralph Ford-Schmid with NMED-OB to assess the benthic macro-invertebrate community quality of Cañon de Valle relative to reference sites. Using Pajarito Canyon as the reference site, Cañon de Valle had a relative score of 81%. Comparisons to upper Los Alamos and Guaje Canyons were 70% and 73%, respectively. These values generally indicate little or no impact of pollutants to the benthic invertebrate community structure. The EPA Rapid Bioassessment Protocol (EPA 1999, 73728) characterizes a reference comparison of >79% as "full support" and a reference comparison of 70-79% as "full support, impacts observed."

Two sources of community variability that these metrics do not control for are the relative size of the streams and the availability of fauna to colonize the sites. Cañon de Valle is the smallest of the streams and would be expected to have a smaller invertebrate community. Additionally, all of these streams are headwater, or first order, streams. First order streams are generally known for large variations in their species assemblages. The primary reason ascribed to this phenomenon is the reduced availability of colonizing species. An additional challenge to colonizing headwater streams with invertebrates on the Pajarito Plateau is that all of these streams are disconnected from the Rio Grande.

An evaluation of the eleven metrics that are aggregated to support the inter-stream comparisons shows that Cañon de Valle has very low numbers of taxa in the scraper feeding guild relative to the other streams. The feeding strategy for this guild is to harvest ("scrape") periphytic algae and associated organisms from mineral and organic surfaces. The character of the Cañon de Valle streambed is unsorted coarse to fine sand with areas of emergent vegetation and higher concentrations of clays, silts and organic

matter. Larger stable surfaces that could support the propagation of periphytic films are largely lacking in this stream. There may be insufficient energy in the stream flow to scour finer materials and to establish cobble-dominated riffles. When the community index is aggregated without the scraper community score, (ten metrics instead of eleven), Cañon de Valle scores 90% relative to Pajarito Canyon, 78.6% relative to upper Los Alamos Canyon and 81.5% relative to Guaje Canyon. These values indicate that the presence of contaminants in Cañon de Valle is not causing a displacement in the benthic macro-invertebrate community structure.

5.5.2.4 C. tentans Toxicity Test

Site sampling to support toxicity testing was conducted on September 21, 2001. The data discussed in this section are a subset of the data generated by the sampling and testing campaign for the Cañon de Valle assessment. The three locations used to support this assessment are above the MDA P Site and below Burning Ground Spring, 80 m below the MDA P Site, and the Starmer's Gulch reference site.

The toxicity testing laboratory conducted two additional sets of replicates to support the data interpretation. A laboratory control, using standard reference sediment and laboratory water, was provided to assess any impacts associated with the laboratory environment or materials and a reference toxicant test was performed to ascertain whether the test organisms responded to toxicants in a predictable manner. The full data report contains these results (Pacific Ecorisk 2001, 73775).

Survival

The sediment and site water from Starmer's Gulch had 82.5 % survival for the eight replicates. This is the uncontaminated reference site. The site above the MDA P Site had 68.75 % survival and the site below the MDA P Site had 86.25 % survival. Statistical analysis was performed to compare the sites using two statistical methods. The WRS Test is a nonparametric method that is not influenced by unequal variances or skew in the data. When the data depart from normality and equal variances the WRS Test is better able to discriminate differences than the Student's t test. The Student's t test was also conducted to assess any differences in interpretation of the data that could be attributed to the choice of test. The results and data summaries are presented in Table 5.5.2-2(a, b). The testing site above the MDA P Site is significantly different from the reference site and the site below the MDA P Site is not different from the reference site. These results indicate that Cañon de Valle is impacted relative to the reference site, but that the MDA P Site is not a contributor to that impact.

Growth

The growth data from the toxicity test show that there is some response to site conditions associated with Cañon de Valle relative to Starmer's Gulch. The mean ash-free dry weight for Starmer's Gulch is 0.44 mg/individual. The mean weights for above the MDA P Site and below the MDA P Site are 0.38 mg/individual and 0.4 mg/individual, respectively. Consistent with the survival results, growth of individuals above the MDA P Site was more impacted than the growth of individuals below the MDA P Site. Statistical analyses of these data were performed in the same manner as described for the survival data. The results are presented in Table 5.5.2-2(a, b) along with data summaries. Starmer's Gulch, the reference site, is statistically different from the site above the MDA P Site. The site below the MDA P Site is not statistically different from Starmer's Gulch. Based upon these results, there is a Cañon de Valle induced impact to the growth measurement endpoint relative to Starmer's Gulch. The difference in growth response between the sites above and below the MDA P Site indicates that the MDA P Site is not contributing to this impact.

5.6 Cañon de Valle Risk Characterization

Information has been presented to evaluate potential ecological risks to the terrestrial and aquatic systems in Cañon de Valle. The terrestrial lines of evidence compare small mammal populations and contaminant body burdens between Cañon de Valle and upper Pajarito Canyon (a reference site). The aquatic lines of evidence are derived from two data sources. One is a comparison benthic macro-invertebrate communities between Cañon de Valle and three reference canyons. The other data source is sediment toxicity testing with *C. tentans* for samples collected above and below the MDA P Site and the reference location in Starmer's Gulch.

5.6.1 Terrestrial Assessment

The terrestrial results show that the number of species and the population densities are both greater in Cañon de Valle than in the reference site. Additionally, Cañon de Valle consistently had more reproductive status classes than Pajarito Canyon. This evidence indicates that the contaminant inventories in Cañon de Valle are not adversely affecting the small mammal community.

A comparison of body weights, by species, shows no differences between the canyons except for brush mice when the sexes are combined. As shown in Figure 5.5.1-1 and described in the text, this difference in weights is associated with a relatively large number of non-reproductive individuals in Cañon de Valle. The difference in weights actually indicates the brush mouse population in Cañon de Valle is more active with regard to reproduction because the canyon has more individuals transitioning from juvenile to reproductive status.

The analysis of contaminant body burdens for small mammals show that the whole-mouse concentrations are well below ESLs for the Mexican spotted owl. These data indicate that the contaminant inventories in Cañon de Valle are not posing a food chain risk to the owl.

5.6.2 Aquatic Assessment

The benthic macro-invertebrate lines of evidence show that the total number of benthic macro-invertebrate taxa in Cañon de Valle (33) is within the range of values for the three reference reaches (25 to 42). Sensitive species are present in the canyon, with the total number of sensitive species being lower than in the reference reaches. This result corresponds to the comparisons of community metrics for the reaches, summarized below. The Cañon de Valle score of 81% is slightly above the cut-off for impacted streams (79%) when compared to Pajarito Canyon, the most similar reference stream. There are two possible sources of these differences. First, the scraper community is substantially reduced in Cañon de Valle. The primary reason is probably a lack of habitat to support that feeding strategy. When the community metrics are summed without the scraper community metric, Cañon de Valle scores 90% relative to Pajarito Canyon. The second source of differences between Cañon de Valle and the references reaches is stream size. Cañon de Valle is the smallest of the streams. It is common for smaller streams to have fewer taxa. Thus, the difference in the community metric scores of Cañon de Valle and Pajarito Canyon is not due to contaminants in Cañon de Valle, but is attributed to the lack of habitat in Cañon de Valle to support a scraper community and the smaller size of the stream.

The sediment toxicity testing lines of evidence show that Cañon de Valle is impacted relative to the reference site in Starmer's Gulch, but that the reach potentially influenced by the MDA P Site is not contributing to that impact. Survival for the test organisms was higher below the MDA P Site than above it. Similarly, the comparisons of larval growth showed impacts above the MDA P Site reach but not below.

5.6.3 Conclusions

The conclusions of the ecological risk assessment for the terrestrial and aquatic systems in Cañon de Valle are that while the contaminant concentrations in the canyon exceed ESLs for both systems, there is no empirical evidence of adverse effects associated with the MDA P Site. These lines of evidence, in combination with the overall appearance of the canyon, indicate that mitigations and/or monitoring are not warranted in the vicinity of the MDA P Site.

5.6.4 Uncertainty Analysis

The major source of uncertainty associated with this assessment is that the terrestrial and sediment toxicity evaluations were conducted during a multi-year drought and within a year of the Cerro Grande fire. The results of the investigations may differ during wetter periods, but the potential impacts of contaminants in the environment are not likely to be increased. Individual and population effects are typically the consequence of multiple stressors. Drought is one stressor and is likely to increase the potential of detecting an adverse effect that could be associated with contaminants. Fire effects often result in increased small mammal populations associated with increased ground vegetation. If contaminant uptake and food chain transfers were a source of population effects, then post-fire environments should increase the likelihood of these effects.

Ecological screening assessments are subject to uncertainties through the use of laboratory toxicology studies to develop no effects contaminant concentrations. Laboratory studies use chemical forms of contaminants and exposure mechanisms that are often conservative when compared to environmental conditions. Additionally, laboratory studies are often conducted with single contaminants. The result of combinations of contaminants is largely unknown. The results presented for Cañon de Valle are based upon field studies and laboratory toxicity studies with field-collected media from the canyon containing multiple contaminants. This approach obviates the usual difficulties of extrapolating laboratory data to field settings.

The calculations of exposure concentrations for the Mexican spotted owl for RDX and HMX were based upon mammal TRVs. This is because data were not available in the literature for avian exposures to these COPCs. The Department of the Army has very recently published results of exposure studies for RDX and HMX using Northern Bobwhite quail (*Colinus virginianus*) (Salis and Holdsworth 2001, 73780; USACHPPM 2001, 73781). The TRV for RDX is 8.7 mg/kg-d. This value is in good agreement with the rat TRV of 10 mg/kg-d, indicating that the calculated Mexican spotted owl ESL for RDX is representative. A similar study was conducted for HMX. No TRV is published because exposure of quail to HMX did not result in mortality or morbidity in sub-chronic studies with doses up to 10,000 mg/kg HMX in food. These results indicate that the mouse TRV of 75 mg/kg-d is a conservative proxy for avian effects and protective of the Mexican spotted owl.

Another uncertainty associated with this assessment is the adequacy of sample coverage to support descriptions of the contaminant signatures at a site. In this particular assessment, the MDA P soils were characterized with 46 samples collected in a grid pattern. The overbank soils sample in Cañon de Valle were collected as part of the geomorphic characterization of contaminants in the canyon. These latter samples were biased towards areas likely to have high contaminant concentrations in order to conservatively characterize the canyon. The combination of these two data sets for this analysis provides a strong basis for the conclusion of no adverse effects to the Cañon de Valle receptors from residual COPC concentrations at the MDA P Site.

5.7 Comparisons of COPEC Concentrations for the MDA P Site to Cañon de Valle Soils

Two COPECs in MDA P Site biological zone soil were carried forward for ecological risk assessment. They are barium and RDX. Both of these contaminants are present in the Cañon de Valle soils. The ecological risk assessment approach for these contaminants in the MDA P Site soils is to compare their concentrations to the Cañon de Valle concentrations. The results of the ecological risk assessment for Cañon de Valle, presented above, is a determination of no adverse effects in the vicinity of the MDA P Site. If the COPEC concentrations for the MDA P Site footprints soils are less than, or not different from, the Cañon de Valle soils, then the determination of no adverse effects is supported for the MDA P Site soils.

Contaminant concentration data for the MDA P Site soils were compared to Cañon de Valle overbank soils using a Gehan test for differences between medians and a Quantile test for differences in the upper 20% of the data values. The combination of these two tests evaluates the differences in the centers of the data and the highest concentrations of the data. Data summaries for barium and RDX are presented in Table 5.7-1, along with the data for other COPECs in Cañon de Valle. Statistical comparisons for all the Cañon de Valle COPECs were performed in order to assess the consequences of soil transport from the MDA P Site footprint to the canyon. The results of the comparisons are presented in Table 5.7-2.

All of the statistical comparisons between Cañon de Valle and the MDA P Site in Table 5.7-2 are not significant, except for aluminum and cadmium. Where the tests are not significant, the concentrations in the MDA P Site soils are equivalent to or less than the concentrations in Cañon de Valle. The maximum concentration of barium (the main risk driver for the MDA P Site) is much lower (6980 mg/kg) than the maximum concentration measured in the canyon (37,300 mg/kg). Aluminum in MDA P Site soils is higher than in the canyon soil. Per EPA guidance (EPA 2000, 73306) aluminum is a COPEC only for sites with a soil pH of less than 5.5 because of pH values greater than 5.5, aluminum is unavailable. The pH range of the MDA P soils is 6.8 to 7.6. Based upon this criterion, aluminum is eliminated from further consideration. Cadmium concentrations are also higher for the MDA P soils that for Cañon de Valle. Cadmium is eliminated from further consideration because 22 of the 23 detected values are less than the soil BV of 0.4 mg/kg (LANL 1998, 59730). The single value that exceeds the BV is 1.4 mg/kg, which is within the range of background concentrations (LANL 1998, 59730), indicating that cadmium is unlikely to cause a population-level effect to ecological receptors.

5.7.1 Risk Characterization

Comparisons of the MDA P Site soil COPEC concentrations to Cañon de Valle contaminant concentrations show that the COPECs barium and RDX are not different between the two locations. The lack of adverse effects in Cañon de Valle from these contaminants is strong evidence that there are no effects due to these contaminants in the MDA P Site soils of the biological zone. This conclusion is valid for the MDA P Site soils in their present location and also in the event that they are transported into the canyon in the future. The concentrations of other Cañon de Valle COPECs in the MDA P Site soils do not pose a threat of adverse effects because they are not different from the overbank soil concentrations for the canyon.

5.7.2 Conclusions

Based upon this assessment, further actions to mitigate/monitor contaminant concentrations in the MDA P Site soils are not warranted. There are no impacts to ecological receptors due to residual concentrations of chemicals in soil and tuff at the MDA P Site.

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Table 3.1-1
Summary of MDA P Site Phase II Confirmation Samples Used in the Risk Assessment

Analyte Group	Number of Samples	
	Biological Zone	Exposed Tuff Zone
Inorganic Chemicals		
TAL Metals	143	146
Chromium (VI)	143	146
Mercury	143	146
Perchlorate	27	33
Organic Chemicals		
VOCs	5	5
SVOCs	138	137
PCBs	3	4
HE	144	143
Dioxins/Furans	3	4
Pesticides	3	4
Herbicides	3	4
Radionuclides		
Gamma Spec.	3	4
Uranium Isotopes	3	4
Other		
pH	3	4

Table 3.2.1-1
Frequency of Detected Inorganic Chemicals Above Background-Biological Zone

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	BV (mg/kg)	Frequency of Detects above BV	Frequency of Nondetects above BV
Aluminum	Soil	71	71	2,630 to 19,900	29,900	0/71	0/71
Aluminum	Tuff	73	73	766 to 32,700	7,340	6/73	0/73
Antimony	Soil	71	17	[0.09] to 2.90	0.83	1/71	23/71
Antimony	Tuff	73	3	[0.14] to 1.20	0.5	1/73	41/73
Arsenic	Soil	71	66	[0.12] to 4.80	8.17	0/71	0/71
Arsenic	Tuff	73	61	[0.12] to 3.80	2.79	4/73	0/73
Barium	Soil	71	71	18.7 to 6,630	295	28/71	0/71
Barium	Tuff	73	73	9.30 to 2,920	46	45/73	0/73
Beryllium	Soil	71	71	0.27 to 1.80	1.83	0/71	0/71
Beryllium	Tuff	73	73	0.23 to 1.90	1.21	7/73	0/73
Cadmium	Soil	71	24	[0.01] to 1.40	0.4	1/71	4/71
Cadmium	Tuff	73	33	[0.02] to 0.80	1.63	0/73	0/73
Chromium	Soil	71	70	1.6 to 39.4	19.3	1/71	0/71
Chromium	Tuff	73	69	0.51 to 15.6	7.14	8/73	0/73
Cobalt	Soil	71	71	0.690 to 44.7	8.64	4/71	0/71
Cobalt	Tuff	73	70	0.41 to 41.3	3.14	9/73	0/73
Copper	Soil	71	71	0.68 to 36.8	14.7	6/71	0/71
Copper	Tuff	73	73	0.004 to 32.4	4.66	19/73	0/73
Iron	Soil	71	71	4,580 to 19,900	21,500	0/71	0/71
Iron	Tuff	73	73	6.47 to 22,500	14,500	4/73	0/73
Lead	Soil	71	71	3.80 to 61.5	22.3	5/71	0/71
Lead	Tuff	73	73	1.25 to 24.20	11.2	8/73	0/73
Manganese	Soil	71	71	30.90 to 1,290	671	1/71	0/71
Manganese	Tuff	73	73	44.7 to 456	482	0/73	0/73
Mercury	Soil	71	36	[0.2] to 0.07	0.1	0/71	0/71
Mercury	Tuff	73	14	[0.0028] to 0.0610	0.1	0/73	0/73
Nickel	Soil	71	69	[1.3] to 10.5	15.4	0/71	0/71
Nickel	Tuff	73	62	0.79 to 12.6	6.58	8/73	0/73
Selenium	Soil	71	33	[0.10] to 0.480	1.52	0/71	0/71
Selenium	Tuff	73	48	0.13 to 0.74	0.3	21/73	2/73
Silver	Soil	71	16	[0.019] to 15.8	1	7/71	3/71
Silver	Tuff	73	15	[0.035] to 4.60	1	2/73	1/73
Thallium	Soil	71	30	[0.0130] to [1.2]	0.73	0/71	3/71
Thallium	Tuff	73	25	[0.012] to 1.2	1.1	1/73	1/73
Vanadium	Soil	71	70	[0.380] to 29.3	36.6	0/71	0/71
Vanadium	Tuff	73	70	0.0038 to 26.4	17	2/73	0/73

Refer to footnotes at end of table.

Table 3.2.1-1 (Concluded)
Frequency of Detected Inorganic Chemicals Above Background-Biological Zone

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	BV (mg/kg)	Frequency of Detects above BV	Frequency of Nondetects above BV
Zinc	Soil	71	67	[9.4] to 912	48.8	7/71	0/71
Zinc	Tuff	73	73	0.027 to 150	63.5	2/73	0/73

BV = Background value.
COPC = Chemical of potential concern.
mg/kg = Milligram(s) per kilogram.
[ ] = Non-detect.

Table 3.2.1-2
Wilcoxon Rank Sum Test Distribution Comparison Results of Inorganics with Maximum Values Greater than Background: Confirmation Data Sets vs. Background Data Sets-Biological Zone

Analyte	Media	Valid N for Background Data Set	Valid N for MDA P Data Set	Adjusted p-Level[a]	Pass/Fail Test[a]
Aluminum	Tuff	62	73	0.000	Fail
Antimony	Soil	135	71	0.000	Fail
Antimony	Tuff	63	73	0.000	Fail
Arsenic	Tuff	63	73	0.753	Pass
Barium	Soil	173	71	0.000	Fail
Barium	Tuff	62	73	0.000	Fail
Beryllium	Tuff	63	73	0.263	Pass
Cadmium	Soil	39	71	0.000	Fail
Chromium	Soil	173	71	0.000	Fail
Chromium	Tuff	63	73	0.000	Fail
Cobalt	Soil	131	71	0.000	Fail
Cobalt	Tuff	11	73	0.005	Fail
Copper	Soil	174	71	0.405	Pass
Copper	Tuff	63	73	0.000	Fail
Iron	Tuff	63	73	0.000	Fail
Lead	Soil	173	71	0.017	Fail
Lead	Tuff	62	73	0.691	Pass
Manganese	Soil	173	71	0.000	Fail
Nickel	Tuff	62	73	0.000	Fail
Selenium	Tuff	14	73	0.000	Fail
Silver	Soil	---	---	---	---
Silver	Tuff	63	73	0.000	Fail
Thallium	Soil	173	71	0.000	Fail
Thallium	Tuff	63	73	0.000	Fail
Vanadium	Tuff	63	73	0.001	Fail
Zinc	Soil	172	71	0.945	Pass
Zinc	Tuff	63	73	0.743	Pass

[a]p-Level ≥ 0.05 = Pass, indicating the distributions are not statistically different at the 95% confidence level.
MDA P = Material Disposal Area P.
N = Number of samples.
--- = Background data set not available.

Table 3.2.1-3
Quantile Test Results for Soil and Tuff-Biological Zone

Analyte	Media	Valid N for Background Data Set	Valid N for MDA P Data Set	Table k[a]	Observed k	Pass/Fail Test[b]
Aluminum	Tuff	62	73	5	6	Fail
Antimony	Soil	135	71	5	1	Pass
Antimony	Tuff	63	73	5	43	Fail
Arsenic	Tuff	63	73	5	0	Pass
Barium	Soil	173	71	5	20	Fail
Barium	Tuff	62	73	5	45	Fail
Beryllium	Tuff	63	73	5	1	Pass
Cadmium	Soil	39	71	5	0	Pass
Chromium	Soil	173	71	5	1	Pass
Chromium	Tuff	63	73	5	1	Pass
Cobalt	Soil	131	71	5	3	Pass
Cobalt	Tuff	11	73	19	9	Pass
Copper	Soil	173	71	5	6	Fail
Copper	Tuff	63	73	5	14	Fail
Iron	Tuff	63	73	5	1	Pass
Lead	Soil	173	71	5	2	Pass
Lead	Tuff	62	73	5	8	Fail
Manganese	Soil	173	71	5	1	Pass
Nickel	Tuff	62	73	5	8	Fail
Selenium	Tuff	14	73	15	55	Fail
Silver	Soil	---	---	---	---	---
Silver	Tuff	63	73	5	1	Pass
Thallium	Soil	173	71	5	3	Pass
Thallium	Tuff	63	73	5	0	Pass
Vanadium	Tuff	63	73	5	1	Pass
Zinc	Soil	172	71	5	2	Pass
Zinc	Tuff	63	73	5	2	Pass

[a]EPA 1994.
[b]Pass = Quantile test determined the background and MDA P data set distribution upper tails are not different.
k = Exceedance of site data.
N = Number of samples.
-- = Background data set not available.

Table 3.2.1-4
Background Test Matrix Table - Biological Zone

Analyte	Media	Above/Below BV	Wilcoxon Rank Sum Pass/Fail	Quantile Pass/Fail	COPC?
Aluminum	Soil	Below	---	---	No ✓
Aluminum	Tuff	Above	Fail	Fail	Yes ✓
Antimony	Soil	Above	Fail	Pass	No[a] ✓ OK
Antimony	Tuff	Above	Fail	Fail	Yes ✓
Arsenic	Soil	Below	---	---	No ✓
Arsenic	Tuff	Above	Pass	Pass	No ✓
Barium	Soil	Above	Fail	Fail	Yes ✓
Barium	Tuff	Above	Fail	Fail	Yes ✓
Beryllium	Soil	Below	---	---	No ✓
Beryllium	Tuff	Above	Pass	Pass	No ✓
Cadmium	Soil	Above	Fail	Pass	No[a]
Cadmium	Tuff	Below	---	---	No ✓
Chromium	Soil	Above	Fail	Pass	No[a] OK
Chromium	Tuff	Above	Fail	Pass	Yes OK
Cobalt	Soil	Above	Fail	Pass	No[a] OK
Cobalt	Tuff	Above	Fail	Pass	Yes OK
Copper	Soil	Above	Pass	Fail	Yes OK
Copper	Tuff	Above	Fail	Fail	Yes ✓
Iron	Soil	Below	---	---	No ✓
Iron	Tuff	Above	Fail	Pass	Yes OK
Lead	Soil	Above	Fail	Pass	No[a] OK
Lead	Tuff	Above	Pass	Fail	Yes OK
Manganese	Soil	Above	Fail	Pass	No[a] OK
Manganese	Tuff	Below	---	---	No ✓
Nickel	Soil	Below	---	---	No ✓
Nickel	Tuff	Above	Fail	Fail	Yes ✓
Selenium	Soil	Below	---	---	No ✓
Selenium	Tuff	Above	Fail	Fail	Yes ✓
Silver	Soil	Above	NA	NA	Yes[c] ✓
Silver	Tuff	Above	Fail	Pass	No[b] OK
Thallium	Soil	Above	Fail	Pass	No[a] OK
Thallium	Tuff	Above	Fail	Pass	No[a] OK
Vanadium	Soil	Below	---	---	No ✓
Vanadium	Tuff	Above	Fail	Pass	Yes OK
Zinc	Soil	Above	Pass	Pass	No ✓
Zinc	Tuff	Above	Pass	Pass	No ✓

[a]WRS failed due to the fact that the site median was statistically less than the background median.
[b]One hit greater than maximum background.
[c]Background data set unavailable for statistical comparison tests.
--- = Statistical analysis not required because BV was not exceeded.

Table 3.2.1-5
Inorganic COPCs: Samples Greater than Background-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Aluminum	16-20195	0816-01-0206	8,540	Tuff	2-3
Aluminum	16-20323	0816-01-0039	10,200	Tuff	2-3
Aluminum	16-20295	0816-01-0072	13,300	Tuff	0-1
Aluminum	16-20105	0816-01-0027	14,400	Tuff	0-1
Aluminum	16-20223	0816-01-0083	17,400	Tuff	2-3
Aluminum	16-20223	0816-01-0082	32,700	Tuff	0-0.5
Antimony	16-20323	0816-01-0040	0.80 (UJ)	Tuff	0-0.5
Antimony	16-20376	0816-01-0232	0.82 (U)	Tuff	0-1
Antimony	16-20598	0816-01-0265	0.85 (UJ)	Tuff	0-1
Antimony	16-20706	0816-01-0323	0.86 (U)	Tuff	0-1
Antimony	16-20306	0816-01-0033	0.86 (U)	Tuff	0-1
Antimony	16-20511	0816-01-0100	0.87 (UJ)	Tuff	0-1
Antimony	16-20307	0816-01-0034	0.87 (U)	Tuff	0-1
Antimony	16-20598	0816-01-0266	0.88 (UJ)	Tuff	2-3
Antimony	16-20237	0816-01-0037	0.88 (U)	Tuff	0-1
Antimony	16-20323	0816-01-0039	0.89 (UJ)	Tuff	2-3
Antimony	16-20457	0816-01-0226	0.90 (UJ)	Tuff	0-1
Antimony	16-20334	0816-01-0235	0.91 (UJ)	Tuff	0-1
Antimony	16-20195	0816-01-0206	0.92 (U)	Tuff	2-3
Antimony	16-20223	0816-01-0083	0.93 (UJ)	Tuff	2-3
Antimony	16-20305	0816-01-0035	0.94 (U)	Tuff	0-1
Antimony	16-20457	0816-01-0227	0.95 (U)	Tuff	24-36
Antimony	16-20274	0816-01-0029	0.96 (U)	Tuff	0-1
Antimony	16-20223	0816-01-0082	0.97 (UJ)	Tuff	0-0.5
Antimony	16-20295	0816-01-0072	0.97 (UJ)	Tuff	0-1
Antimony	16-20419	0816-01-0244	0.98 (UJ)	Tuff	0-1
Antimony	16-20528	0816-01-0190	0.98 (U)	Tuff	0-1
Antimony	16-20273	0816-01-0032	0.99 (U)	Tuff	2-3
Antimony	16-20189	0816-01-0247	1.00 (UJ)	Tuff	2-3
Antimony	16-20198	0816-01-0114	1.00 (UJ)	Tuff	0-1
Antimony	16-20234	0816-01-0115	1.00 (UJ)	Tuff	0-1
Antimony	16-20269	0816-01-0061	1.00 (U)	Tuff	0-1
Antimony	16-20269	0816-01-0062	1.00 (U)	Tuff	2-3
Antimony	16-20273	0816-01-0031	1.00 (U)	Tuff	0-1
Antimony	16-20287	0816-01-0028	1.00 (U)	Tuff	0-1
Antimony	16-20330	0816-01-0110	1.00 (UJ)	Tuff	0-1
Antimony	16-20330	0816-01-0111	1.00 (UJ)	Tuff	2-3
Antimony	16-20333	0816-01-0091	1.00 (UJ)	Tuff	0-1
Antimony	16-20333	0816-01-0093	1.00 (UJ)	Tuff	2-3

Refer to footnotes at end of table.

Table 3.2.1-5 (Continued)
Inorganic COPCs: Samples Greater than Background-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Antimony	16-20415	0816-01-0245	1.00 (UJ)	Tuff	0-1
Antimony	16-20416	0816-01-0246	1.00 (UJ)	Tuff	0-1
Antimony	16-20418	0816-01-0242	1.00 (UJ)	Tuff	0-1
Antimony	16-20418	0816-01-0243	1.00 (UJ)	Tuff	2-3
Antimony	16-20105	0816-01-0027	1.1 (U)	Tuff	0-1
Antimony	16-20121	0816-01-0097	1.1 (U)	Tuff	0-1
Antimony	16-20389	0816-01-0030	1.1 (U)	Tuff	0-1
Antimony	16-20193	0816-01-0059	1.10 (U)	Tuff	0-1
Antimony	16-20421	0816-01-0217	1.2 (J)	Tuff	0-1
Barium	16-20330	0816-01-0110	52	Tuff	0-1
Barium	16-20105	0816-01-0027	52.6	Tuff	0-1
Barium	16-20295	0816-01-0072	54.6 (J-)	Tuff	0-1
Barium	16-20195	0816-01-0206	69.8	Tuff	2-3
Barium	16-20270	0816-01-0138	71.1	Tuff	2-3
Barium	16-20242	RE16-02-44951	81.2	Tuff	0-1
Barium	16-20528	0816-01-0190	84	Tuff	0-1
Barium	16-20274	0816-01-0029	85.7	Tuff	0-1
Barium	16-20277	RE16-02-44953	105	Tuff	0-1
Barium	16-20278	RE16-02-44944	113	Tuff	0-1
Barium	16-20598	0816-01-0265	116	Tuff	0-1
Barium	16-20269	0816-01-0061	123	Tuff	0-1
Barium	16-20205	RE16-02-44945	136	Tuff	0-1
Barium	16-20205	RE16-02-44946	136	Tuff	0-1
Barium	16-20323	0816-01-0039	158	Tuff	2-3
Barium	16-20223	0816-01-0083	161 (J-)	Tuff	2-3
Barium	16-20386	0816-01-0360	196	Tuff	0-1
Barium	16-20323	0816-01-0040	201 (J)	Tuff	0-0.5
Barium	16-20234	0816-01-0115	263	Tuff	0-1
Barium	16-20197	0816-01-0120	264	Tuff	0-1
Barium	16-20692	0816-01-0086	266 (J-)	Tuff	0-1
Barium	16-20271	0816-01-0140	274	Tuff	0-1
Barium	16-20223	0816-01-0082	280 (J-)	Tuff	0-0.5
Barium	16-20198	0816-01-0114	326	Tuff	0-1
Barium	16-20334	0816-01-0235	335	Tuff	0-1
Barium	16-20278	0816-01-0359	342	Tuff	0-1
Barium	16-20270	0816-01-0136	376	Tuff	0-1
Barium	16-20706	0816-01-0323	384	Tuff	0-1
Barium	16-20307	0816-01-0034	428	Tuff	0-1
Barium	16-20276	RE16-02-44952	439	Tuff	0-1

Refer to footnotes at end of table.

Table 3.2.1-5 (Continued)
Inorganic COPCs: Samples Greater than Background-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Barium	16-20206	RE16-02-44950	463	Tuff	0-1
Barium	16-20305	0816-01-0035	606	Tuff	0-1
Barium	16-20233	0816-01-0122	640	Tuff	2-3
Barium	16-20457	0816-01-0226	652	Tuff	0-1
Barium	16-20233	0816-01-0121	674	Tuff	0-1
Barium	16-20419	0816-01-0244	686 (J)	Tuff	0-1
Barium	16-20418	0816-01-0243	840 (J)	Tuff	2-3
Barium	16-20418	0816-01-0242	996 (J)	Tuff	0-1
Barium	16-20241	0816-01-0357	1,030	Tuff	0-1
Barium	16-20189	0816-01-0147	1,040	Tuff	0-1
Barium	16-20189	0816-01-0148	1,160	Tuff	2-3
Barium	16-20599	RE16-02-45443	1,170 (J-)	Tuff	0-1
Barium	16-20196	0816-01-0130	1,250	Tuff	0-1
Barium	16-20306	0816-01-0033	1,310	Tuff	0-1
Barium	16-20189	0816-01-0247	1,400 (J)	Tuff	2-3
Barium	16-20670	RE16-02-45436	2,920 (J-)	Tuff	0-1
Barium	16-20002	0816-01-0294	310	Soil	0-0.5
Barium	16-20694	0816-01-0253	323	Soil	2-3
Barium	16-20195	0816-01-0205	335 (J)	Soil	0-1
Barium	16-20262	0816-01-0105	354	Soil	0-1
Barium	16-20268	RE16-02-45437	358 (J-)	Soil	0-1
Barium	16-20191	0816-01-0046	394	Soil	0-1
Barium	16-20300	0816-01-0187	398 (J+)	Soil	2-3
Barium	16-20174	0816-01-0047	473	Soil	0-1
Barium	16-20694	0816-01-0058	473	Soil	0-1
Barium	16-20376	0816-01-0164	513 (J+)	Soil	0-1
Barium	16-20238	RE16-02-44948	527	Soil	0-1
Barium	16-20004	0816-01-0293	558	Soil	0-0.5
Barium	16-20348	0816-01-0214	588	Soil	0-1
Barium	16-20314	0816-01-0354	651	Soil	0-1
Barium	16-20304	0816-01-0036	696	Soil	0-1
Barium	16-20153	0816-01-0262	789 (J+)	Soil	0-1
Barium	16-20265	0816-01-0107	921	Soil	0-1
Barium	16-20342	0816-01-0180	983	Soil	0-1
Barium	16-20340	0816-01-0176	1,060	Soil	2-3
Barium	16-20549	0816-01-0215	1,320	Soil	0-1
Barium	16-20742	RE16-02-45441	1,440	Soil	2-3
Barium	16-20742	RE16-02-45442	1,540 (J-)	Soil	2-3
Barium	16-20351	0816-01-0050	1,540	Soil	0-1
Barium	16-20387	0816-01-0161	1,730	Soil	0-1

Refer to footnotes at end of table.

Table 3.2.1-5 (Continued)
Inorganic COPCs: Samples Greater than Background-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Barium	16-20240	0816-01-0352	1,700	Soil	0-1
Barium	16-20742	RE16-02-45439	2,750 (J-)	Soil	0-1
Barium	16-20232	RE16-02-45438	3,850 (J-)	Soil	0-1
Barium	16-20006	0816-01-0289	6,630	Soil	0-0.5
Chromium	16-20457	0816-01-0226	7.3 (J)	Tuff	0-1
Chromium	16-20670	RE16-02-45436	7.5	Tuff	0-1
Chromium	16-20105	0816-01-0027	7.9	Tuff	0-1
Chromium	16-20121	0816-01-0097	8.2	Tuff	0-1
Chromium	16-20223	0816-01-0083	10	Tuff	2-3
Chromium	16-20376	0816-01-0232	10.1 (J)	Tuff	0-1
Chromium	16-20295	0816-01-0072	12.1	Tuff	0-1
Chromium	16-20223	0816-01-0082	15.6	Tuff	0-0.5
Cobalt	16-20189	0816-01-0247	3.3 (J)	Tuff	2-3
Cobalt	16-20599	RE16-02-45443	3.7	Tuff	0-1
Cobalt	16-20457	0816-01-0226	3.7 (J)	Tuff	0-1
Cobalt	16-20223	0816-01-0082	4.1 (J)	Tuff	0-0.5
Cobalt	16-20105	0816-01-0027	4.4 (J)	Tuff	0-1
Cobalt	16-20205	RE16-02-44945	5.6 (J-)	Tuff	0-1
Cobalt	16-20205	RE16-02-44946	5.9 (J-)	Tuff	0-1
Cobalt	16-20204	RE16-02-44943	21.7 (J-)	Tuff	0-1
Cobalt	16-20242	RE16-02-44951	41.3 (J-)	Tuff	0-1
Cobalt	16-20742	RE16-02-45441	25	Soil	2-3
Copper	16-20273	RE16-02-46406	5.0 (J)	Tuff	42.4-42.9
Copper	16-20189	0816-01-0148	5.2	Tuff	2-3
Copper	16-20323	0816-01-0039	5.4	Tuff	2-3
Copper	16-20242	RE16-02-44951	5.5	Tuff	0-1
Copper	16-20233	0816-01-0122	5.7	Tuff	2-3
Copper	16-20223	0816-01-0083	6.7	Tuff	2-3
Copper	16-20295	0816-01-0072	7.4	Tuff	0-1
Copper	16-20599	RE16-02-45443	8.5	Tuff	0-1
Copper	16-20305	0816-01-0035	10.4	Tuff	0-1
Copper	16-20223	0816-01-0082	10.5	Tuff	0-0.5
Copper	16-20196	0816-01-0130	11.2	Tuff	0-1
Copper	16-20274	0816-01-0029	16.2	Tuff	0-1
Copper	16-20306	0816-01-0033	19.4	Tuff	0-1
Copper	16-20376	0816-01-0232	22.2	Tuff	0-1
Copper	16-20105	0816-01-0027	22.8	Tuff	0-1
Copper	16-20670	RE16-02-45436	23.4	Tuff	0-1
Copper	16-20307	0816-01-0034	25.5	Tuff	0-1

Refer to footnotes at end of table.

Table 3.2.1-5 (Continued)
Inorganic COPCs: Samples Greater than Background-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Copper	16-20334	0816-01-0235	25.6	Tuff	0-1
Copper	16-20237	0816-01-0037	32.4	Tuff	0-1
Copper	16-20694	0816-01-0253	18.8	Soil	2-3
Copper	16-20387	0816-01-0161	20.70	Soil	0-1
Copper	16-20340	0816-01-0176	21.8 (J)	Soil	2-3
Copper	16-20232	RE16-02-45438	28.9	Soil	0-1
Copper	16-20124	0816-01-0063	29.40	Soil	0-1
Copper	16-20304	0816-01-0036	36.80	Soil	0-1
Iron	16-20105	0816-01-0027	15,300	Tuff	0-1
Iron	16-20223	0816-01-0083	16,900	Tuff	2-3
Iron	16-20295	0816-01-0072	17,200	Tuff	0-1
Iron	16-20223	0816-01-0082	22,500	Tuff	0-0.5
Lead	16-20273	0816-01-0032	13.20	Tuff	2-3
Lead	16-20196	0816-01-0130	13.50	Tuff	0-1
Lead	16-20274	0816-01-0029	19.40	Tuff	0-1
Lead	16-20223	0816-01-0082	19.70	Tuff	0-0.5
Lead	16-20306	0816-01-0033	22.20	Tuff	0-1
Lead	16-20237	0816-01-0037	23.50	Tuff	0-1
Lead	16-20670	RE16-02-45436	24.10	Tuff	0-1
Lead	16-20105	0816-01-0027	24.20	Tuff	0-1
Nickel	16-20274	0816-01-0029	7.2	Tuff	0-1
Nickel	16-20307	0816-01-0034	7.3	Tuff	0-1
Nickel	16-20223	0816-01-0083	8.3	Tuff	2-3
Nickel	16-20376	0816-01-0232	8.8	Tuff	0-1
Nickel	16-20237	0816-01-0037	8.9	Tuff	0-1
Nickel	16-20105	0816-01-0027	10.3	Tuff	0-1
Nickel	16-20295	0816-01-0072	11.3	Tuff	0-1
Nickel	16-20223	0816-01-0082	12.6	Tuff	0-0.5
Selenium	16-20323	0816-01-0039	0.32 (U)	Tuff	2-3
Selenium	16-20273	RE16-02-45791	0.33	Tuff	0.9-1.7
Selenium	16-20277	RE16-02-44953	0.33	Tuff	0-1
Selenium	16-20278	RE16-02-44944	0.33	Tuff	0-1
Selenium	16-20269	0816-01-0061	0.33 (U)	Tuff	0-1
Selenium	16-20306	0816-01-0033	0.34 (J)	Tuff	0-1
Selenium	16-20241	0816-01-0357	0.35	Tuff	0-1
Selenium	16-20189	0816-01-0247	0.35 (J-)	Tuff	2-3
Selenium	16-20457	0816-01-0227	0.35 (J-)	Tuff	24-36
Selenium	16-20237	0816-01-0037	0.37 (J)	Tuff	0-1
Selenium	16-20389	0816-01-0030	0.37 (J)	Tuff	0-1

Refer to footnotes at end of table.

Table 3.2.1-5 (Concluded)
Inorganic COPCs: Samples Greater than Background-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Selenium	16-20334	0816-01-0235	0.41 (J-)	Tuff	0-1
Selenium	16-20121	0816-01-0097	0.44 (J)	Tuff	0-1
Selenium	16-20274	0816-01-0029	0.44 (J)	Tuff	0-1
Selenium	16-20287	0816-01-0028	0.46 (J)	Tuff	0-1
Selenium	16-20376	0816-01-0232	0.47 (J-)	Tuff	0-1
Selenium	16-20598	0816-01-0265	0.48 (J-)	Tuff	0-1
Selenium	16-20528	0816-01-0190	0.50 (J-)	Tuff	0-1
Selenium	16-20457	0816-01-0226	0.53 (J-)	Tuff	0-1
Selenium	16-20305	0816-01-0035	0.54 (J)	Tuff	0-1
Selenium	16-20233	0816-01-0121	0.64 (J)	Tuff	0-1
Selenium	16-20273	0816-01-0032	0.74	Tuff	2-3
Selenium	16-20307	0816-01-0034	0.74	Tuff	0-1
Silver	16-20348	0816-01-0214	1.1 (U)	Soil	0-1
Silver	16-20549	0816-01-0215	1.1 (U)	Soil	0-1
Silver	16-20240	0816-01-0352	1.10	Soil	0-1
Silver	16-20232	RE16-02-45438	1.60	Soil	0-1
Silver	16-20742	RE16-02-45439	7.80	Soil	0-1
Silver	16-20566	0816-01-0213	1.2 (U)	Soil	0-1
Silver	16-20351	0816-01-0050	1.5	Soil	0-1
Silver	16-20387	0816-01-0161	1.5	Soil	0-1
Silver	16-20742	RE16-02-45441	9.7	Soil	2-3
Silver	16-20742	RE16-02-45442	15.8	Soil	2-3
Vanadium	16-20223	0816-01-0083	18.2	Tuff	2-3
Vanadium	16-20223	0816-01-0082	26.4	Tuff	0-0.5

Table 3.2.1-6
Frequency of Detected Inorganic Chemicals Above Background-Exposed Tuff Zone

Analyte	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	BV (mg/kg)	Frequency of Detects above BV[a]	Frequency of Nondetects above BV
Aluminum	146	146	656 to 28100	7,340	26/146	0/146
Antimony	146	22	[0.02] to 2.70	0.5	3/146	97/146
Arsenic	146	120	[0.11] to 7.20	2.79	16/146	0/146
Barium	146	145	5.20 to 6,980	46	79/146	0/146
Beryllium	146	146	0.25 to 3.30	1.21	26/146	0/146
Cadmium	146	65	[0.015] to 5.70	1.63	2/146	0/146
Chromium	146	145	0.32 to 18.70	7.14	23/146	0/146
Cobalt	146	144	0.35 to 151.00	3.14	53/146	0/146
Copper	146	144	[0.94] to 34.00	4.66	57/146	0/146
Iron	146	146	4,130 to 20,600	14,500	12/146	0/146
Lead	146	146	1.20 to 144.00	11.2	23/146	0/146
Manganese	146	145	103.00 to 842.00	482	11/146	0/146
Mercury	146	30	[0.0028] to 0.22	0.1	1/146	1/146
Nickel	146	132	0.78 to 13.20	6.58	18/146	0/146
Perchlorate	33	7	[0.007] to [0.73]	---	7/33	0/33
Selenium	146	88	0.12 to 1.40	0.3	45/146	1/146
Silver	146	22	[0.04] to 1.80	1	5/146	6/146
Thallium	146	46	[0.012] to 1.40	1.1	3/146	4/146
Vanadium	146	140	[0.38] to 36.70	17	15/146	0/146
Zinc	146	146	23.10 to 118.0	63.5	8/146	0/146

[a]For analytes with no BV, all detects are counted as being above the BV.
--- = No BV available.
[ ] = Non-detect.

Table 3.2.1-7
Wilcoxon Rank Sum Test Distribution Comparison Results of Inorganics with Maximum Values Greater than Background: Confirmation Data Sets vs. Background Data Sets-Exposed Tuff Zone

Analyte	Valid N for Background Data Set	Valid N for MDA P Data Set	Adjusted p-Level[a]	Pass/Fail Test[a]
Aluminum	62	146	0.000	Fail
Antimony	63	146	0.000	Fail
Arsenic	63	146	0.433	Pass
Barium	62	146	0.000	Fail
Beryllium	63	146	0.000	Fail
Cadmium	14	146	0.000	Fail
Chromium	63	147	0.000	Fail
Cobalt	11	146	0.000	Fail
Copper	63	146	0.000	Fail
Iron	63	146	0.000	Fail
Lead	62	146	0.136	Pass
Manganese	63	146	0.000	Fail
Mercury	---	---	---	---
Nickel	62	146	0.000	Fail
Perchlorate	---	---	---	---
Selenium	14	146	0.000	Fail
Silver	63	146	0.000	Fail
Thallium	63	146	0.000	Fail
Vanadium	63	146	0.000	Fail
Zinc	63	146	0.006	Fail

[a]p-Level ∃ 0.05 = Pass, indicating the distributions are not statistically different at the 95% confidence level.
N = Number of samples.
--- = Background data set not available.

Table 3.2.1-8
Quantile Test Results for Exposed Tuff Zone

Analyte	Valid N for Background Data Set	Valid N for MDA P Data Set	Table k[a]	Actual k	Pass/Fail Test[b]
Aluminum	62	146	6	21	Fail
Antimony	77	146	5	106	Fail
Arsenic	63	146	6	4	Pass
Barium	62	146	6	78	Fail
Beryllium	62	146	6	10	Fail
Cadmium	14	146	19	2	Pass
Chromium	63	146	6	3,30	Fail
Cobalt	11	146	19	53	Fail
Copper	63	146	6	33	Fail
Iron	63	146	6	1,12	Fail
Lead	62	146	6	13	Fail
Manganese	63	146	6	1	Pass
Mercury	---	---	---	---	---
Nickel	62	146	6	16	Fail
Perchlorate	---	---	---	---	---
Selenium	14	146	19	113	Fail
Silver	63	146	6	0	Pass
Thallium	63	146	6	0	Pass
Vanadium	63	146	6	6,31	Fail
Zinc	63	146	6	5	Pass

[a]EPA 1994.
[b]Pass = Quantile test determined the background and MDA P data set distribution upper tails are not different.
k = Exceedance of site data.
N = Number of samples.
--- = Background data set not available.

Table 3.2.1-9
Background Test Matrix Table - Exposed Tuff Zone

Analyte	Above/Below BV	Wilcoxon Rank Sum Pass/Fail	Quantile Pass/Fail	COPC?
Aluminum	Above	Fail	Fail	Yes
Antimony	Above	Fail	Fail	Yes
Arsenic	Above	Pass	Pass	No
Barium	Above	Fail	Fail	Yes
Beryllium	Above	Fail	Fail	Yes
Cadmium	Above	Fail	Pass	No[a]
Chromium	Above	Fail	Fail	Yes
Cobalt	Above	Fail	Fail	Yes
Copper	Above	Fail	Fail	Yes
Iron	Above	Fail	Fail	Yes
Lead	Above	Pass	Fail	Yes
Manganese	Above	Fail	Pass	No[b]
Mercury	Above	NA	NA	Yes
Nickel	Above	Fail	Fail	Yes
Perchlorate	NA	NA	NA	Yes
Selenium	Above	Fail	Fail	Yes
Silver	Above	Fail	Pass	No[a]
Thallium	Above	Fail	Pass	No[a]
Vanadium	Above	Fail	Fail	Yes
Zinc	Above	Fail	Pass	Yes[c]

[a]WRS failed due to the fact that the site median was statistically less than the background median.
[b]One hit greater than maximum background.
[c]Zinc was carried forward as a COPC because the WRS failed due to the site median exceeding that for background.
NA = Background data set or BV not available.

Table 3.2.1-10
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Aluminum	16-20490	0816-01-0198	7,560	0-1
Aluminum	16-20667	0816-01-0197	7,610	0-1
Aluminum	16-20695	0816-01-0048	7,870	0-1
Aluminum	16-20513	0816-01-0096	8,350	0-1
Aluminum	16-20628	0816-01-0332	8,370	0-1
Aluminum	16-20698	0816-01-0071	8,450	0-1
Aluminum	16-20702	0816-01-0074	9,020	0-1
Aluminum	16-20658	0816-01-0209	9,190	0-1
Aluminum	16-20441	0816-01-0129	9,740	0-1
Aluminum	16-20702	0816-01-0076	9,780	2-3
Aluminum	16-20660	0816-01-0193	9,910	0-1
Aluminum	16-20622	0816-01-0211	10,400	0-1
Aluminum	16-20474	0816-01-0069	10,400	2-3
Aluminum	16-20404	0816-01-0128	10,400	0-1
Aluminum	16-20454	0816-01-0307	10,600	0-1
Aluminum	16-20375	0816-01-0178	11,000	7-8
Aluminum	16-20337	0816-01-0170	11,800	0-1
Aluminum	16-20474	0816-01-0067	12,100	0-0.5
Aluminum	16-20444	0816-01-0231	12,700	0-1
Aluminum	16-20373	0816-01-0304	13,400	0-1
Aluminum	16-20337	0816-01-0171	13,500	4-5
Aluminum	16-20491	0816-01-0194	13,500	0-1
Aluminum	16-20375	0816-01-0177	15,200	5-6
Aluminum	16-20592	0816-01-0248	16,800	0-1
Aluminum	16-20370	0816-01-0237	17,400	0-1
Aluminum	16-20337	0816-01-0172	28,100	5-6
Antimony	16-20491	0816-01-0194	0.52 (J)	0-1
Antimony	16-20526	0816-01-0324	0.79 (U)	37.3-38.3
Antimony	16-20526	0816-01-0325	0.79 (U)	27.3-28.3
Antimony	16-20526	0816-01-0326	0.79 (U)	53.5-54.5
Antimony	16-20557	0816-01-0327	0.79 (U)	18.7-19.6
Antimony	16-20557	0816-01-0329	0.79 (U)	52.6-53.6
Antimony	16-20557	0816-01-0334	0.79 (U)	11.7-12.6
Antimony	16-20557	0816-01-0333	0.79 (U)	36.7-37.4
Antimony	16-20557	0816-01-0328	0.80 (U)	66-67
Antimony	16-20557	0816-01-0299	0.83 (U)	2-3
Antimony	16-20595	0816-01-0263	0.83 (UJ)	0-1
Antimony	16-20596	0816-01-0259	0.83 (UJ)	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Antimony	16-20373	0816-01-0234	0.83 (U)	0-1
Antimony	16-20374	0816-01-0233	0.83 (U)	0-1
Antimony	16-20513	0816-01-0096	0.83 (UJ)	0-1
Antimony	16-20553	0816-01-0300	0.85 (U)	0-1
Antimony	16-20557	0816-01-0298	0.85 (U)	0-1
Antimony	16-20557	0816-01-0302	0.85 (U)	0-1
Antimony	16-20557	0816-01-0303	0.85 (U)	2-3
Antimony	16-20664	0816-01-0309	0.85 (U)	0-1
Antimony	16-20335	0816-01-0236	0.85 (UJ)	0-1
Antimony	16-20630	0816-01-0330	0.85 (U)	0-1
Antimony	16-20661	0816-01-0251	0.85 (UJ)	2-3
Antimony	16-20665	0816-01-0261	0.85 (U)	0-1
Antimony	16-20562	0816-01-0088	0.86 (UJ)	2-3
Antimony	16-20662	0816-01-0313	0.86 (U)	0-1
Antimony	16-20444	0816-01-0231	0.86 (U)	0-1
Antimony	16-20700	0816-01-0049	0.87 (UJ)	0-1
Antimony	16-20514	0816-01-0103	0.87 (UJ)	0-1
Antimony	16-20561	0816-01-0098	0.87 (UJ)	0-1
Antimony	16-20562	0816-01-0087	0.87 (UJ)	0-1
Antimony	16-20591	0816-01-0318	0.87 (U)	0-1
Antimony	16-20372	0816-01-0230	0.87 (U)	0-1
Antimony	16-20667	0816-01-0197	0.87 (U)	0-1
Antimony	16-20699	0816-01-0057	0.88 (UJ)	0-1
Antimony	16-20558	0816-01-0102	0.88 (UJ)	0-1
Antimony	16-20663	0816-01-0311	0.88 (U)	0-1
Antimony	16-20736	0816-01-0090	0.88 (UJ)	0-1
Antimony	16-20527	0816-01-0191	0.88 (U)	0-1
Antimony	16-20592	0816-01-0248	0.88 (UJ)	0-1
Antimony	16-20632	0816-01-0308	0.88 (U)	0-1
Antimony	16-20702	0816-01-0255	0.88 (UJ)	0-1
Antimony	16-20702	0816-01-0257	0.88 (UJ)	4-5
Antimony	16-20590	0816-01-0316	0.89 (U)	0-1
Antimony	16-20626	0816-01-0312	0.89 (U)	0-1
Antimony	16-20662	0816-01-0314	0.89 (U)	2-3
Antimony	16-20370	0816-01-0237	0.89 (UJ)	0-1
Antimony	16-20696	0816-01-0066	0.90 (U)	0-1
Antimony	16-20551	0816-01-0306	0.90 (U)	0-1
Antimony	16-20590	0816-01-0317	0.90 (U)	2-3

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Antimony	16-20624	0816-01-0322	0.90 (U)	0-1
Antimony	16-20625	0816-01-0321	0.90 (U)	2-3
Antimony	16-20669	0816-01-0315	0.90 (U)	0-1
Antimony	16-20702	0816-01-0076	0.90 (UJ)	2-3
Antimony	16-20442	0816-01-0228	0.90 (U)	0-1
Antimony	16-20477	0816-01-0095	0.90 (UJ)	0-1
Antimony	16-20555	0816-01-0101	0.91 (UJ)	0-1
Antimony	16-20629	0816-01-0319	0.91 (U)	0-1
Antimony	16-20698	0816-01-0071	0.91 (UJ)	0-1
Antimony	16-20702	0816-01-0074	0.91 (UJ)	0-1
Antimony	16-20741	0816-01-0250	0.91 (U)	2-3
Antimony	16-20695	0816-01-0048	0.92 (UJ)	0-1
Antimony	16-20697	0816-01-0051	0.92 (UJ)	0-1
Antimony	16-20515	0816-01-0104	0.92 (UJ)	0-1
Antimony	16-20517	0816-01-0099	0.92 (UJ)	0-1
Antimony	16-20661	0816-01-0252	0.92 (UJ)	6-7
Antimony	16-20474	0816-01-0069	0.93 (U)	2-3
Antimony	16-20516	0816-01-0295	0.93 (U)	0-1
Antimony	16-20516	0816-01-0112	0.93 (UJ)	0-1
Antimony	16-20371	0816-01-0229	0.93 (U)	0-1
Antimony	16-20474	0816-01-0067	0.94 (U)	0-0.5
Antimony	16-20446	0816-01-0203	0.94 (U)	0-1
Antimony	16-20489	0816-01-0200	0.94 (U)	2-3
Antimony	16-20525	0816-01-0189	0.94 (U)	0-1
Antimony	16-20484	0816-01-0201	0.95 (U)	0-1
Antimony	16-20625	0816-01-0320	0.96 (U)	0-1
Antimony	16-20453	0816-01-0223	0.96 (U)	0-1
Antimony	16-20446	0816-01-0204	0.97 (U)	2-3
Antimony	16-20454	0816-01-0307	0.97 (U)	0-1
Antimony	16-20455	0816-01-0207	0.97 (U)	0-1
Antimony	16-20408	0816-01-0238	0.98 (UJ)	0-1
Antimony	16-20449	0816-01-0219	0.98 (U)	0-1
Antimony	16-20485	0816-01-0202	0.98 (U)	0-1
Antimony	16-20489	0816-01-0199	0.98 (U)	0-1
Antimony	16-20490	0816-01-0192	0.98 (U)	0-1
Antimony	16-20490	0816-01-0198	0.98 (U)	0-1
Antimony	16-20414	0816-01-0221	0.99 (U)	0-1
Antimony	16-20447	0816-01-0220	0.99 (U)	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Antimony	16-20479	0816-01-0113	0.99 (UJ)	0-1
Antimony	16-20413	0816-01-0305	1.00 (U)	0-1
Antimony	16-20373	0816-01-0304	1.00 (U)	0-1
Antimony	16-20409	0816-01-0239	1.00 (UJ)	0-1
Antimony	16-20411	0816-01-0241	1.00 (UJ)	0-1
Antimony	16-20451	0816-01-0224	1.00 (U)	0-1
Antimony	16-20452	0816-01-0222	1.00 (U)	0-1
Antimony	16-20586	0816-01-0208	1.10 (U)	0-1
Antimony	16-20658	0816-01-0209	1.20 (U)	0-1
Antimony	16-20413	0816-01-0216	1.30 (U)	0-1
Antimony	16-20628	0816-01-0332	1.4	0-1
Antimony	16-20741	0816-01-0249	2.7 (J-)	5-6
Barium	16-20661	0816-01-0252	47.6	6-7
Barium	16-20478	0816-01-0152	50.3	2-3
Barium	16-20486	0816-01-0212	57.2	0-1
Barium	16-20700	0816-01-0049	59.1	0-1
Barium	16-20527	0816-01-0191	60.5	0-1
Barium	16-20585	0816-01-0132	68.9	0-1
Barium	16-20444	0816-01-0231	71.3	0-1
Barium	16-20595	0816-01-0263	74.7	0-1
Barium	16-20373	0816-01-0304	76.1	0-1
Barium	16-20375	0816-01-0178	94.3	7-8
Barium	16-20562	0816-01-0087	106 (J-)	0-1
Barium	16-20487	0816-01-0154	112	0-1
Barium	16-20699	0816-01-0057	124	0-1
Barium	16-20337	0816-01-0170	131	0-1
Barium	16-20660	0816-01-0193	140	0-1
Barium	16-20474	0816-01-0069	152	2-3
Barium	16-20337	0816-01-0172	155	5-6
Barium	16-20622	0816-01-0211	159	0-1
Barium	16-20515	0816-01-0104	163	0-1
Barium	16-20661	0816-01-0251	171	2-3
Barium	16-20370	0816-01-0237	179 (J)	0-1
Barium	16-20696	0816-01-0066	191	0-1
Barium	16-20695	0816-01-0048	192	0-1
Barium	16-20474	0816-01-0067	200	0-0.5
Barium	16-20702	0816-01-0076	212 (J-)	2-3
Barium	16-20658	0816-01-0209	231	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Barium	16-20702	0816-01-0257	261	4-5
Barium	16-20557	0816-01-0299	277 (J+)	2-3
Barium	16-20375	0816-01-0177	280	5-6
Barium	16-20523	0816-01-0165	285	0-1
Barium	16-20557	0816-01-0303	295	2-3
Barium	16-20404	0816-01-0128	297	0-1
Barium	16-20559	0816-01-0118	315	0-1
Barium	16-20586	0816-01-0208	336	0-1
Barium	16-20667	0816-01-0197	374 (J+)	0-1
Barium	16-20479	0816-01-0113	387	0-1
Barium	16-20557	0816-01-0333	406	36.7-37.4
Barium	16-20629	0816-01-0319	408 (J+)	0-1
Barium	16-20526	0816-01-0326	413	53.5-54.5
Barium	16-20337	0816-01-0171	413	4-5
Barium	16-20441	0816-01-0129	415	0-1
Barium	16-20697	0816-01-0051	441	0-1
Barium	16-20478	0816-01-0151	445	0-1
Barium	16-20698	0816-01-0071	446 (J-)	0-1
Barium	16-20557	0816-01-0298	487 (J+)	0-1
Barium	16-20558	0816-01-0102	489	0-1
Barium	16-20736	0816-01-0090	493	0-1
Barium	16-20488	0816-01-0157	544	0-1
Barium	16-20557	0816-01-0302	552	0-1
Barium	16-20560	0816-01-0141	571	0-1
Barium	16-20741	0816-01-0250	582	2-3
Barium	16-20524	0816-01-0159	587	0-1
Barium	16-20561	0816-01-0098	646	0-1
Barium	16-20702	0816-01-0074	682 (J-)	0-1
Barium	16-20557	0816-01-0327	715	18.7-19.6
Barium	16-20557	0816-01-0334	773	11.7-12.6
Barium	16-20335	0816-01-0236	860 (J)	0-1
Barium	16-20489	0816-01-0199	865	0-1
Barium	16-20489	0816-01-0200	880	2-3
Barium	16-20455	0816-01-0207	1,100	0-1
Barium	16-20741	0816-01-0249	1,110	5-6
Barium	16-20477	0816-01-0095	1,200	0-1
Barium	16-20454	0816-01-0218	1,240	0-1
Barium	16-20453	0816-01-0223	1,240	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Barium	16-20513	0816-01-0096	1,390	0-1
Barium	16-20628	0816-01-0332	1,430 (J+)	0-1
Barium	16-20522	0816-01-0160	1,480	0-1
Barium	16-20702	0816-01-0255	1,590	0-1
Barium	16-20490	0816-01-0192	1,720	0-1
Barium	16-20525	0816-01-0189	1,790	0-1
Barium	16-20526	0816-01-0195	1,800	0-1
Barium	16-20442	0816-01-0228	1,900	0-1
Barium	16-20490	0816-01-0198	1,980	0-1
Barium	16-20371	0816-01-0229	2,060	0-1
Barium	16-20551	0816-01-0306	2,110	0-1
Barium	16-20630	0816-01-0330	2,120 (J+)	0-1
Barium	16-20592	0816-01-0248	2,430	0-1
Barium	16-20491	0816-01-0194	2,980	0-1
Barium	16-20454	0816-01-0307	6,980	0-1
Beryllium	16-20526	0816-01-0325	1.3	27.3-28.3
Beryllium	16-20702	0816-01-0076	1.3	2-3
Beryllium	16-20446	0816-01-0203	1.3	0-1
Beryllium	16-20592	0816-01-0248	1.3	0-1
Beryllium	16-20337	0816-01-0172	1.4	5-6
Beryllium	16-20454	0816-01-0307	1.4	0-1
Beryllium	16-20490	0816-01-0198	1.4	0-1
Beryllium	16-20518	0816-01-0126	1.4	0-1
Beryllium	16-20520	0816-01-0123	1.4	0-1
Beryllium	16-20526	0816-01-0195	1.4	0-1
Beryllium	16-20526	0816-01-0196	1.4	2-3
Beryllium	16-20371	0816-01-0229	1.6	0-1
Beryllium	16-20478	0816-01-0151	1.6	0-1
Beryllium	16-20490	0816-01-0192	1.7	0-1
Beryllium	16-20521	0816-01-0124	1.7	0-1
Beryllium	16-20516	0816-01-0295	1.8	0-1
Beryllium	16-20486	0816-01-0212	1.9	0-1
Beryllium	16-20516	0816-01-0112	1.9	0-1
Beryllium	16-20491	0816-01-0194	2.0	0-1
Beryllium	16-20519	0816-01-0158	2.0	0-1
Beryllium	16-20560	0816-01-0141	2.2	0-1
Beryllium	16-20370	0816-01-0237	2.4	0-1
Beryllium	16-20482	0816-01-0155	2.4	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Beryllium	16-20444	0816-01-0231	3.1	0-1
Beryllium	16-20481	0816-01-0149	3.1	0-1
Beryllium	16-20373	0816-01-0304	3.3	0-1
Chromium	16-20375	0816-01-0178	7.3 (J)	7-8
Chromium	16-20371	0816-01-0229	7.5 (J)	0-1
Chromium	16-20658	0816-01-0209	7.6	0-1
Chromium	16-20441	0816-01-0129	7.9	0-1
Chromium	16-20444	0816-01-0231	8.0 (J)	0-1
Chromium	16-20698	0816-01-0071	8.0	0-1
Chromium	16-20474	0816-01-0069	8.1	2-3
Chromium	16-20628	0816-01-0332	8.1	0-1
Chromium	16-20622	0816-01-0211	8.2	0-1
Chromium	16-20337	0816-01-0170	8.5 (J)	0-1
Chromium	16-20700	0816-01-0049	8.9	0-1
Chromium	16-20491	0816-01-0194	9.1	0-1
Chromium	16-20370	0816-01-0237	9.2	0-1
Chromium	16-20474	0816-01-0067	9.3	0-0.5
Chromium	16-20490	0816-01-0198	9.3	0-1
Chromium	16-20486	0816-01-0212	9.5	0-1
Chromium	16-20375	0816-01-0177	10.1 (J)	5-6
Chromium	16-20337	0816-01-0171	10.4 (J)	4-5
Chromium	16-20592	0816-01-0248	10.8	0-1
Chromium	16-20413	0816-01-0305	11.9	0-1
Chromium	16-20373	0816-01-0304	14.4	0-1
Chromium	16-20736	0816-01-0090	17.4	0-1
Chromium	16-20337	0816-01-0172	18.7 (J)	5-6
Cobalt	16-20478	0816-01-0152	3.2 (J)	2-3
Cobalt	16-20474	0816-01-0069	3.5 (J)	2-3
Cobalt	16-20557	0816-01-0302	3.5 (J)	0-1
Cobalt	16-20453	0816-01-0223	3.5 (J)	0-1
Cobalt	16-20526	0816-01-0195	3.5 (J)	0-1
Cobalt	16-20700	0816-01-0049	3.6 (J)	0-1
Cobalt	16-20525	0816-01-0189	3.6 (J)	0-1
Cobalt	16-20665	0816-01-0261	3.6 (J)	0-1
Cobalt	16-20441	0816-01-0129	3.7 (J)	0-1
Cobalt	16-20697	0816-01-0051	3.7 (J)	0-1
Cobalt	16-20669	0816-01-0315	3.7 (J)	0-1
Cobalt	16-20477	0816-01-0095	3.7 (J)	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Cobalt	16-20699	0816-01-0057	3.8 (J)	0-1
Cobalt	16-20702	0816-01-0257	3.8 (J)	4-5
Cobalt	16-20736	0816-01-0090	3.9 (J)	0-1
Cobalt	16-20413	0816-01-0305	4.0 (J)	0-1
Cobalt	16-20490	0816-01-0192	4.0 (J)	0-1
Cobalt	16-20741	0816-01-0249	4.0 (J)	5-6
Cobalt	16-20658	0816-01-0209	4.1 (J)	0-1
Cobalt	16-20696	0816-01-0066	4.1 (J)	0-1
Cobalt	16-20375	0816-01-0177	4.1 (J)	5-6
Cobalt	16-20695	0816-01-0048	4.2 (J)	0-1
Cobalt	16-20661	0816-01-0252	4.2 (J)	6-7
Cobalt	16-20741	0816-01-0250	4.2 (J)	2-3
Cobalt	16-20486	0816-01-0212	4.5 (J)	0-1
Cobalt	16-20660	0816-01-0193	4.7 (J)	0-1
Cobalt	16-20375	0816-01-0178	4.7 (J)	7-8
Cobalt	16-20698	0816-01-0071	4.8 (J)	0-1
Cobalt	16-20513	0816-01-0096	4.9 (J)	0-1
Cobalt	16-20442	0816-01-0228	5.0 (J)	0-1
Cobalt	16-20661	0816-01-0251	5.1 (J)	2-3
Cobalt	16-20702	0816-01-0074	5.1 (J)	0-1
Cobalt	16-20371	0816-01-0229	5.3 (J)	0-1
Cobalt	16-20491	0816-01-0194	5.3 (J)	0-1
Cobalt	16-20337	0816-01-0172	5.4 (J)	5-6
Cobalt	16-20702	0816-01-0255	5.5 (J)	0-1
Cobalt	16-20474	0816-01-0067	5.8 (J)	0-0.5
Cobalt	16-20551	0816-01-0306	5.8	0-1
Cobalt	16-20337	0816-01-0170	5.9 (J)	0-1
Cobalt	16-20490	0816-01-0198	5.9 (J)	0-1
Cobalt	16-20702	0816-01-0076	6.1	2-3
Cobalt	16-20622	0816-01-0211	6.4	0-1
Cobalt	16-20628	0816-01-0332	6.5	0-1
Cobalt	16-20630	0816-01-0330	6.6	0-1
Cobalt	16-20337	0816-01-0171	7.2 (J)	4-5
Cobalt	16-20373	0816-01-0304	8.1	0-1
Cobalt	16-20592	0816-01-0248	8.2	0-1
Cobalt	16-20664	0816-01-0309	8.5	0-1
Cobalt	16-20629	0816-01-0319	10.5	0-1
Cobalt	16-20404	0816-01-0128	11.0	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Cobalt	16-20625	0816-01-0320	30.2	0-1
Cobalt	16-20662	0816-01-0314	66.8	2-3
Cobalt	16-20454	0816-01-0307	151	0-1
Copper	16-20524	0816-01-0159	4.8	0-1
Copper	16-20696	0816-01-0066	4.9	0-1
Copper	16-20560	0816-01-0141	4.9	0-1
Copper	16-20490	0816-01-0192	4.9	0-1
Copper	16-20441	0816-01-0129	5.0	0-1
Copper	16-20454	0816-01-0307	5.0	0-1
Copper	16-20586	0816-01-0208	5.1	0-1
Copper	16-20516	0816-01-0112	5.2 (J)	0-1
Copper	16-20695	0816-01-0048	5.2	0-1
Copper	16-20702	0816-01-0257	5.2	4-5
Copper	16-20518	0816-01-0126	5.5	0-1
Copper	16-20481	0816-01-0149	5.6	0-1
Copper	16-20667	0816-01-0197	5.6	0-1
Copper	16-20622	0816-01-0211	5.8	0-1
Copper	16-20702	0816-01-0076	5.9	2-3
Copper	16-20404	0816-01-0128	5.9	0-1
Copper	16-20482	0816-01-0155	5.9	0-1
Copper	16-20490	0816-01-0198	5.9	0-1
Copper	16-20486	0816-01-0212	6.0	0-1
Copper	16-20516	0816-01-0295	6.0	0-1
Copper	16-20371	0816-01-0229	6.0	0-1
Copper	16-20658	0816-01-0209	6.1	0-1
Copper	16-20736	0816-01-0090	6.1	0-1
Copper	16-20373	0816-01-0304	6.1	0-1
Copper	16-20474	0816-01-0069	6.4	2-3
Copper	16-20660	0816-01-0193	6.4	0-1
Copper	16-20520	0816-01-0123	6.5	0-1
Copper	16-20702	0816-01-0255	6.5	0-1
Copper	16-20408	0816-01-0238	6.6	0-1
Copper	16-20477	0816-01-0095	6.8	0-1
Copper	16-20372	0816-01-0230	7.0	0-1
Copper	16-20491	0816-01-0194	7.1	0-1
Copper	16-20474	0816-01-0067	7.2	0-0.5
Copper	16-20698	0816-01-0071	7.2	0-1
Copper	16-20702	0816-01-0074	7.2	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Copper	16-20454	0816-01-0218	7.4	0-1
Copper	16-20526	0816-01-0326	7.8	53.5-54.5
Copper	16-20526	0816-01-0324	7.9	37.3-38.3
Copper	16-20375	0816-01-0177	8.0 (J)	5-6
Copper	16-20526	0816-01-0325	8.1	27.3-28.3
Copper	16-20741	0816-01-0249	8.1	5-6
Copper	16-20697	0816-01-0051	8.5	0-1
Copper	16-20513	0816-01-0096	8.6	0-1
Copper	16-20526	0816-01-0195	8.7	0-1
Copper	16-20337	0816-01-0171	9.0 (J)	4-5
Copper	16-20337	0816-01-0172	10.8 (J)	5-6
Copper	16-20551	0816-01-0306	12.0	0-1
Copper	16-20444	0816-01-0231	12.2	0-1
Copper	16-20557	0816-01-0327	13.0	18.7-19.6
Copper	16-20630	0816-01-0330	15.2	0-1
Copper	16-20592	0816-01-0248	17.4	0-1
Copper	16-20374	0816-01-0233	20.5	0-1
Copper	16-20373	0816-01-0234	24.2	0-1
Copper	16-20335	0816-01-0236	24.4	0-1
Copper	16-20370	0816-01-0237	29.5	0-1
Copper	16-20442	0816-01-0228	32.3	0-1
Copper	16-20628	0816-01-0332	34.0	0-1
Iron	16-20486	0816-01-0212	14,600	0-1
Iron	16-20592	0816-01-0248	14,800	0-1
Iron	16-20413	0816-01-0305	14,900	0-1
Iron	16-20375	0816-01-0177	15,300 (J)	5-6
Iron	16-20370	0816-01-0237	15,800	0-1
Iron	16-20337	0816-01-0172	16,100 (J)	5-6
Iron	16-20337	0816-01-0170	16,300 (J)	0-1
Iron	16-20373	0816-01-0304	17,900	0-1
Iron	16-20491	0816-01-0194	17,900	0-1
Iron	16-20490	0816-01-0192	18,100	0-1
Iron	16-20454	0816-01-0307	19,000	0-1
Iron	16-20490	0816-01-0198	20,600	0-1
Lead	16-20702	0816-01-0255	11.6	0-1
Lead	16-20702	0816-01-0076	11.6	2-3
Lead	16-20661	0816-01-0251	12.0	2-3
Lead	16-20488	0816-01-0157	12.4	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Lead	16-20702	0816-01-0074	12.5	0-1
Lead	16-20551	0816-01-0306	12.6	0-1
Lead	16-20697	0816-01-0051	12.8	0-1
Lead	16-20474	0816-01-0067	13.5	0-0.5
Lead	16-20337	0816-01-0172	13.7	5-6
Lead	16-20404	0816-01-0128	13.8	0-1
Lead	16-20337	0816-01-0170	16.9	0-1
Lead	16-20477	0816-01-0095	18.3	0-1
Lead	16-20486	0816-01-0212	19.0	0-1
Lead	16-20662	0816-01-0314	20.4	2-3
Lead	16-20741	0816-01-0249	20.6	5-6
Lead	16-20630	0816-01-0330	21.3	0-1
Lead	16-20662	0816-01-0313	22.4	0-1
Lead	16-20337	0816-01-0171	22.9	4-5
Lead	16-20736	0816-01-0090	25.4	0-1
Lead	16-20592	0816-01-0248	26.5	0-1
Lead	16-20513	0816-01-0096	33.3	0-1
Lead	16-20628	0816-01-0332	38.9	0-1
Lead	16-20474	0816-01-0069	144	2-3
Mercury	16-20665	0816-01-0261	0.18 (U)	0-1
Mercury	16-20628	0816-01-0332	0.22	0-1
Nickel	16-20454	0816-01-0307	6.6	0-1
Nickel	16-20491	0816-01-0194	6.6	0-1
Nickel	16-20404	0816-01-0128	7.2	0-1
Nickel	16-20337	0816-01-0171	7.3	4-5
Nickel	16-20622	0816-01-0211	7.4	0-1
Nickel	16-20698	0816-01-0071	7.5	0-1
Nickel	16-20486	0816-01-0212	8.2	0-1
Nickel	16-20474	0816-01-0069	8.4	2-3
Nickel	16-20474	0816-01-0067	8.5	0-0.5
Nickel	16-20490	0816-01-0198	8.7	0-1
Nickel	16-20375	0816-01-0177	8.8	5-6
Nickel	16-20335	0816-01-0236	8.8	0-1
Nickel	16-20373	0816-01-0304	9.1	0-1
Nickel	16-20592	0816-01-0248	9.3	0-1
Nickel	16-20702	0816-01-0076	10.5	2-3
Nickel	16-20370	0816-01-0237	11.2	0-1
Nickel	16-20628	0816-01-0332	12.5	0-1
Nickel	16-20337	0816-01-0172	13.2	5-6

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Perchlorate	16-20478	0816-01-0151	0.04 (J)	0-1
Perchlorate	16-20557	0816-01-0333	0.06 (J)	36.7-37.4
Perchlorate	16-20557	0816-01-0327	0.06 (J)	18.7-19.6
Perchlorate	16-20526	0816-01-0324	0.06 (J)	37.3-38.3
Perchlorate	16-20557	0816-01-0329	0.08 (J)	52.6-53.6
Perchlorate	16-20373	0816-01-0304	0.23 (J-)	0-1
Perchlorate	16-20413	0816-01-0305	0.24 (J-)	0-1
Selenium	16-20526	0816-01-0324	0.31 (J-)	37.3-38.3
Selenium	16-20562	0816-01-0087	0.31 (J-)	0-1
Selenium	16-20662	0816-01-0314	0.31 (J)	2-3
Selenium	16-20516	0816-01-0335	0.32 (J)	29.2-29.9
Selenium	16-20413	0816-01-0216	0.32 (J)	0-1
Selenium	16-20372	0816-01-0230	0.32 (J-)	0-1
Selenium	16-20491	0816-01-0194	0.33 (J)	0-1
Selenium	16-20441	0816-01-0129	0.34 (J)	0-1
Selenium	16-20526	0816-01-0325	0.34 (J-)	27.3-28.3
Selenium	16-20551	0816-01-0306	0.34 (J-)	0-1
Selenium	16-20554	0816-01-0338	0.35 (J)	76.1-76.8
Selenium	16-20371	0816-01-0229	0.35 (J-)	0-1
Selenium	16-20408	0816-01-0238	0.35 (J-)	0-1
Selenium	16-20695	0816-01-0048	0.36 (J-)	0-1
Selenium	16-20520	0816-01-0123	0.36 (J)	0-1
Selenium	16-20404	0816-01-0128	0.37 (J)	0-1
Selenium	16-20484	0816-01-0201	0.37 (J-)	0-1
Selenium	16-20741	0816-01-0249	0.37 (J-)	5-6
Selenium	16-20554	0816-01-0351	0.38 (J)	19.7-20.3
Selenium	16-20337	0816-01-0170	0.39 (J)	0-1
Selenium	16-20553	0816-01-0300	0.39 (J-)	0-1
Selenium	16-20451	0816-01-0224	0.39 (J-)	0-1
Selenium	16-20452	0816-01-0222	0.39 (J-)	0-1
Selenium	16-20455	0816-01-0207	0.39 (J-)	0-1
Selenium	16-20373	0816-01-0234	0.40 (J-)	0-1
Selenium	16-20561	0816-01-0098	0.41 (J-)	0-1
Selenium	16-20595	0816-01-0263	0.42 (J-)	0-1
Selenium	16-20449	0816-01-0219	0.43 (J-)	0-1
Selenium	16-20337	0816-01-0172	0.44 (J-)	5-6
Selenium	16-20453	0816-01-0223	0.44 (J-)	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Continued)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Selenium	16-20702	0816-01-0257	0.45 (J-)	4-5
Selenium	16-20335	0816-01-0236	0.46 (J-)	0-1
Selenium	16-20413	0816-01-0305	0.47 (J-)	0-1
Selenium	16-20557	0816-01-0303	0.52 (J-)	2-3
Selenium	16-20414	0816-01-0221	0.53 (J-)	0-1
Selenium	16-20558	0816-01-0102	0.54 (J-)	0-1
Selenium	16-20562	0816-01-0088	0.54 (J-)	2-3
Selenium	16-20442	0816-01-0228	0.54 (J-)	0-1
Selenium	16-20454	0816-01-0307	0.54 (J-)	0-1
Selenium	16-20586	0816-01-0208	0.55 (U)	0-1
Selenium	16-20444	0816-01-0231	0.58 (J-)	0-1
Selenium	16-20515	0816-01-0104	0.59	0-1
Selenium	16-20447	0816-01-0220	0.67 (J-)	0-1
Selenium	16-20516	0816-01-0112	0.70	0-1
Selenium	16-20409	0816-01-0239	0.75 (J-)	0-1
Selenium	16-20373	0816-01-0304	1.40 (J-)	0-1
Vanadium	16-20661	0816-01-0251	17.2	2-3
Vanadium	16-20375	0816-01-0178	17.7 (J-)	7-8
Vanadium	16-20491	0816-01-0194	18.0	0-1
Vanadium	16-20702	0816-01-0074	18.1	0-1
Vanadium	16-20474	0816-01-0067	19.4	0-0.5
Vanadium	16-20702	0816-01-0076	20.2	2-3
Vanadium	16-20628	0816-01-0332	20.3	0-1
Vanadium	16-20404	0816-01-0128	20.4	0-1
Vanadium	16-20375	0816-01-0177	20.9 (J-)	5-6
Vanadium	16-20373	0816-01-0304	21.9	0-1
Vanadium	16-20622	0816-01-0211	22.2	0-1
Vanadium	16-20337	0816-01-0171	23.2 (J-)	4-5
Vanadium	16-20337	0816-01-0170	24.7 (J-)	0-1
Vanadium	16-20592	0816-01-0248	24.7	0-1
Vanadium	16-20337	0816-01-0172	36.7	5-6
Zinc	16-20736	0816-01-0090	65.00	0-1
Zinc	16-20519	0816-01-0158	65.10	0-1
Zinc	16-20413	0816-01-0305	65.60	0-1
Zinc	16-20491	0816-01-0194	66.10	0-1

Refer to footnotes at end of table.

Table 3.2.1-10 (Concluded)
Inorganic COPCs: Samples Greater than Background-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Zinc	16-20453	0816-01-0223	70.70	0-1
Zinc	16-20478	0816-01-0152	85.10	2-3
Zinc	16-20490	0816-01-0198	89.00	0-1
Zinc	16-20628	0816-01-0332	118.00	0-1

Table 3.2.2-1
Detected Radiological Analytes: Comparison to Background-Biological Zone

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (pCi/g)	BV (pCi/g)	Frequency of Detects Above BV or Fallout Value
Cesium-137	Soil	3	1	[-0.020] to 0.550	1.65	0/3
Uranium-234	Soil	3	3	0.480 to 0.730	2.59	0/3
Uranium-235	Soil	5	2	[-0.630] to [0.310]	0.20	0/5
Uranium-238	Soil	3	3	0.510 to 0.850	2.29	0/3

[ ] = Non-detect.

Table 3.2.2-2
Detected Radiological Analytes: Comparison to Background-Exposed Tuff Zone

Analyte	Number of Analyses	Number of Detects	Concentration Range (pCi/g)	Background or Fallout Value (pCi/g)	Frequency of Detects Above BV or Fallout Value
Uranium-234	4	4	0.45 to 0.71	1.98	0/4
Uranium-235	8	2	[-0.27] to 0.068	0.09	0/8
Uranium-238	4	4	0.374 to 0.51	1.93	0/4

[ ] = Non-detect.

Table 3.2.3-1
Frequency of Detected Organics-Biological Zone

Analyte	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Frequency of Detection (%)	EQL (mg/kg)
Acetone	5	1	0.014 to [0.026]	20.0	0.03
Amino-2,6-dinitrotoluene[4-]	145	18	0.063 to 0.980	11.8	0.77
Amino-4,6-dinitrotoluene[2-]	145	20	0.044 to 1.10	13.2	0.36
Aroclor-1260	3	1	[0.039] to 0.061	33.3	0.04
Benzoic Acid[a]	139	3	0.1 to [2.3]	2.2	2.30
Bis(2-ethylhexyl)phthalate	139	8	0.110 to [0.470]	5.8	0.47
DDT[4,4'-]	3	1	[0.002] to 0.0079	33.3	0.002
Dichlorobenzene[1,4-][a]	144	1	0.001 to [0.470]	0.7	0.47
Dinitrobenzene[1,3-][a]	145	3	0.046 to [1.40]	2.1	1.40
Dinitrotoluene[2,4-][a]	282	1	[0.08] to [1.40]	0.4	1.40
Dinitrotoluene[2,6-][a]	282	2	[0.08] to [1.40]	0.7	1.40
HMX	145	57	[0.08] to 16.0	38.9	0.36
Methylnaphthalene[2-][a]	139	1	0.040 to [0.470]	0.7	0.47
Nitrotoluene[3-][a]	145	1	[0.080] to [1.40]	0.7	1.40
Nitrotoluene[4-][a]	145	1	[0.080] to [1.40]	0.7	1.40
RDX	145	76	0.069 to 37.00	52.8	0.36
Tetryl[a]	144	1	[0.080] to [1.40]	0.7	1.40
Toluene	5	1	0.001 to [0.007]	20.0	0.01
Trinitrotoluene[2,4,6-]	145	12	0.034 to 1.20	8.3	0.77

[ ] = Non-detect.
[a] Detected in less than 5% of the samples eliminated as a COPC.

Table 3.2.3-2
Organic COPCs: Samples with Detections-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Acetone	16-20004	0816-01-0293	0.014 (J)	Soil	0-0.5
Amino-2,6-dinitrotoluene[4-]	16-20376	0816-01-0164	0.063 (J)	Soil	0-1
Amino-2,6-dinitrotoluene[4-]	16-20300	0816-01-0187	0.069 (J)	Soil	2-3
Amino-2,6-dinitrotoluene[4-]	16-20348	0816-01-0214	0.110 (J)	Soil	0-1
Amino-2,6-dinitrotoluene[4-]	16-20304	0816-01-0036	0.160 (J)	Soil	0-1
Amino-2,6-dinitrotoluene[4-]	16-20694	0816-01-0058	0.230 (J)	Soil	0-1
Amino-2,6-dinitrotoluene[4-]	16-20342	0816-01-0180	0.290	Soil	0-1
Amino-2,6-dinitrotoluene[4-]	16-20387	0816-01-0161	0.420	Soil	0-1
Amino-2,6-dinitrotoluene[4-]	16-20268	RE16-02-45437	0.088 (J)	Soil	0-1
Amino-2,6-dinitrotoluene[4-]	16-20742	RE16-02-45441	0.21	Soil	2-3
Amino-2,6-dinitrotoluene[4-]	16-20742	RE16-02-45442	0.150 (J)	Soil	2-3
Amino-2,6-dinitrotoluene[4-]	16-20148	0816-01-0073	0.150 (J)	Tuff	0-0.5
Amino-2,6-dinitrotoluene[4-]	16-20195	0816-01-0205	0.150 (J)	Tuff	0-1
Amino-2,6-dinitrotoluene[4-]	16-20196	0816-01-0130	0.300	Tuff	0-1
Amino-2,6-dinitrotoluene[4-]	16-20306	0816-01-0033	0.620	Tuff	0-1
Amino-2,6-dinitrotoluene[4-]	16-20232	RE16-02-45438	0.840 (J)	Tuff	0-1
Amino-2,6-dinitrotoluene[4-]	16-20232	RE16-02-45438	0.980	Tuff	0-1
Amino-2,6-dinitrotoluene[4-]	16-20340	0816-01-0176	0.071 (J)	Tuff	2-3
Amino-2,6-dinitrotoluene[4-]	16-20599	RE16-02-45443	0.110 (J)	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20268	RE16-02-45437	0.074 (J)	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20742	RE16-02-45442	0.100 (J)	Soil	2-3
Amino-4,6-dinitrotoluene[2-]	16-20742	RE16-02-45441	0.14	Soil	2-3
Amino-4,6-dinitrotoluene[2-]	16-20301	0816-01-0188	0.044 (J)	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20239	0816-01-0168	0.066 (J)	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20304	0816-01-0036	0.120 (J)	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20348	0816-01-0214	0.130 (J)	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20694	0816-01-0058	0.210 (J)	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20387	0816-01-0161	0.320	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20376	0816-01-0164	0.700	Soil	0-1
Amino-4,6-dinitrotoluene[2-]	16-20599	RE16-02-45443	0.087 (J)	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20148	0816-01-0073	0.110 (J)	Tuff	0-0.5
Amino-4,6-dinitrotoluene[2-]	16-20670	RE16-02-45436	0.190 (J)	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20340	0816-01-0174	0.190 (J)	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20670	RE16-02-45436	0.200 (J)	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20742	RE16-02-45439	0.290	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20196	0816-01-0130	0.300	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20306	0816-01-0033	0.820	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20232	RE16-02-45438	0.920 (J)	Tuff	0-1
Amino-4,6-dinitrotoluene[2-]	16-20232	RE16-02-45438	1.100	Tuff	0-1

Refer to footnotes at end of table.

Table 3.2.3-2 (Continued)
Organic COPCs: Samples with Detections-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Aroclor-1260	16-20316	0816-01-0293	0.061	Soil	0-0.5
Bis(2-ethylhexyl)phthalate	16-20300	0816-01-0187	0.170 (J)	Soil	2-3
Bis(2-ethylhexyl)phthalate	16-20549	0816-01-0215	0.210 (J)	Soil	0-1
Bis(2-ethylhexyl)phthalate	16-20314	0816-01-0354	0.160 (J)	Tuff	0-1
Bis(2-ethylhexyl)phthalate	16-20670	RE16-02-45436	0.110 (J)	Tuff	0-1
Bis(2-ethylhexyl)phthalate	16-20742	RE16-02-45439	0.120 (J)	Tuff	0-1
Bis(2-ethylhexyl)phthalate	16-20196	0816-01-0130	0.160 (J)	Tuff	0-1
Bis(2-ethylhexyl)phthalate	16-20233	0816-01-0121	0.210 (J)	Tuff	0-1
Bis(2-ethylhexyl)phthalate	16-20232	RE16-02-45438	0.280 (J)	Tuff	0-1
DDT[4,4'-]	16-20316	0816-01-0293	0.008	Soil	0-0.5
HMX	16-20742	RE16-02-45442	0.610	Soil	2-3
HMX	16-20268	RE16-02-45437	1.400	Soil	0-1
HMX	16-20153	0816-01-0262	0.118	Soil	0-1
HMX	16-20265	0816-01-0107	0.190 (J)	Soil	0-1
HMX	16-20193	0816-01-0059	0.290 (J)	Soil	0-1
HMX	16-20566	0816-01-0213	0.290 (J)	Soil	0-1
HMX	16-20189	0816-01-0289	0.340	Soil	0-0.5
HMX	16-20342	0816-01-0182	0.420	Soil	2-3
HMX	16-20301	0816-01-0188	0.550	Soil	0-1
HMX	16-20742	RE16-02-45441	0.56	Soil	2-3
HMX	16-20344	0816-01-0184	0.580	Soil	0-1
HMX	16-20344	0816-01-0185	0.620	Soil	3-4
HMX	16-20694	0816-01-0058	0.650	Soil	0-1
HMX	16-20263	0816-01-0106	0.860	Soil	0-1
HMX	16-20262	0816-01-0105	1.000	Soil	0-1
HMX	16-20239	0816-01-0168	1.100	Soil	0-1
HMX	16-20304	0816-01-0036	1.600 (J-)	Soil	0-1
HMX	16-20348	0816-01-0214	1.700	Soil	0-1
HMX	16-20342	0816-01-0180	4.600	Soil	0-1
HMX	16-20004	0816-01-0293	5.700	Soil	0-0.5
HMX	16-20351	0816-01-0050	5.700	Soil	0-1
HMX	16-20124	0816-01-0063	7.700 (J)	Soil	0-1
HMX	16-20387	0816-01-0161	10.000	Soil	0-1
HMX	16-20376	0816-01-0164	2.000	Soil	0-1
HMX	16-20240	0816-01-0352	0.180 (J)	Tuff	0-1
HMX	16-20706	0816-01-0323	0.260	Tuff	0-1
HMX	16-20599	RE16-02-45443	0.310	Tuff	0-1
HMX	16-20598	0816-01-0266	0.390	Tuff	2-3
HMX	16-20598	0816-01-0265	0.448	Tuff	0-1

Refer to footnotes at end of table.

Table 3.2.3-2 (Continued)
Organic COPCs: Samples with Detections-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
HMX	16-20205	RE16-02-44945	0.620	Tuff	0-1
HMX	16-20205	RE16-02-44946	0.660	Tuff	0-1
HMX	16-20692	0816-01-0086	0.710	Tuff	0-1
HMX	16-20314	0816-01-0354	2.400	Tuff	0-1
HMX	16-20694	0816-01-0253	0.120	Tuff	2-3
HMX	16-20476	0816-01-0134	0.150 (J)	Tuff	0-1
HMX	16-20271	0816-01-0140	0.190 (J)	Tuff	0-1
HMX	16-20270	0816-01-0138	0.200 (J)	Tuff	2-3
HMX	16-20334	0816-01-0235	0.200 (J)	Tuff	0-1
HMX	16-20197	0816-01-0120	0.280 (J)	Tuff	0-1
HMX	16-20333	0816-01-0091	0.320 (J)	Tuff	0-1
HMX	16-20305	0816-01-0035	0.350 (J-)	Tuff	0-1
HMX	16-20233	0816-01-0121	0.410	Tuff	0-1
HMX	16-20419	0816-01-0244	0.450	Tuff	0-1
HMX	16-20269	0816-01-0061	0.510	Tuff	0-1
HMX	16-20270	0816-01-0136	0.610	Tuff	0-1
HMX	16-20418	0816-01-0243	0.670	Tuff	2-3
HMX	16-20418	0816-01-0242	0.790	Tuff	0-1
HMX	16-20340	0816-01-0174	0.860	Tuff	0-1
HMX	16-20195	0816-01-0205	1.800	Tuff	0-1
HMX	16-20742	RE16-02-45439	2.200	Tuff	0-1
HMX	16-20148	0816-01-0073	2.500	Tuff	0-0.5
HMX	16-20670	RE16-02-45436	5.000	Tuff	0-1
HMX	16-20670	RE16-02-45436	5.100	Tuff	0-1
HMX	16-20196	0816-01-0130	5.800	Tuff	0-1
HMX	16-20306	0816-01-0033	10.000 (J-)	Tuff	0-1
HMX	16-20232	RE16-02-45438	16.000	Tuff	0-1
HMX	16-20232	RE16-02-45438	16.000	Tuff	0-1
RDX	16-20742	RE16-02-45442	0.110 (J)	Soil	2-3
RDX	16-20268	RE16-02-45437	2.900	Soil	0-1
RDX	16-20549	0816-01-0215	0.069 (J)	Soil	0-1
RDX	16-20566	0816-01-0213	0.100 (J)	Soil	0-1
RDX	16-20191	0816-01-0046	0.120 (J)	Soil	0-1
RDX	16-20300	0816-01-0186	0.180 (J)	Soil	0-1
RDX	16-20006	0816-01-0289	0.280	Soil	0-0.5
RDX	16-20579	0816-01-0065	0.300	Soil	0-1
RDX	16-20694	0816-01-0058	0.490	Soil	0-1

Refer to footnotes at end of table.

Table 3.2.3-2 (Continued)
Organic COPCs: Samples with Detections-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
RDX	16-20342	0816-01-0182	0.530	Soil	2-3
RDX	16-20344	0816-01-0185	0.570	Soil	3-4
RDX	16-20344	0816-01-0184	0.720	Soil	0-1
RDX	16-20004	0816-01-0293	0.740	Soil	0-0.5
RDX	16-20239	0816-01-0168	0.860	Soil	0-1
RDX	16-20193	0816-01-0059	0.970 (J)	Soil	0-1
RDX	16-20263	0816-01-0106	1.300	Soil	0-1
RDX	16-20351	0816-01-0050	1.600	Soil	0-1
RDX	16-20262	0816-01-0105	1.800	Soil	0-1
RDX	16-20304	0816-01-0036	1.900	Soil	0-1
RDX	16-20301	0816-01-0188	2.200	Soil	0-1
RDX	16-20387	0816-01-0161	2.200	Soil	0-1
RDX	16-20348	0816-01-0214	2.600	Soil	0-1
RDX	16-20342	0816-01-0180	5.900	Soil	0-1
RDX	16-20376	0816-01-0164	2.100	Soil	0-1
RDX	16-20340	0816-01-0176	0.094 (J)	Tuff	2-3
RDX	16-20314	0816-01-0361	0.140 (J)	Tuff	0-1
RDX	16-20599	RE16-02-45443	0.210 (J)	Tuff	0-1
RDX	16-20654	0816-01-0085	0.210 (J)	Tuff	2-3
RDX	16-20386	0816-01-0360	0.330	Tuff	0-1
RDX	16-20240	0816-01-0352	0.490	Tuff	0-1
RDX	16-20238	RE16-02-44948	0.560	Tuff	0-1
RDX	16-20706	0816-01-0323	0.768	Tuff	0-1
RDX	16-20278	0816-01-0359	0.950	Tuff	0-1
RDX	16-20598	0816-01-0266	1.250	Tuff	2-3
RDX	16-20598	0816-01-0265	1.800	Tuff	0-1
RDX	16-20241	0816-01-0357	2.300	Tuff	0-1
RDX	16-20205	RE16-02-44945	3.000	Tuff	0-1
RDX	16-20205	RE16-02-44946	3.200	Tuff	0-1
RDX	16-20314	0816-01-0354	3.600	Tuff	0-1
RDX	16-20547	0816-01-0133	0.084 (J)	Tuff	0-1
RDX	16-20274	0816-01-0029	0.100 (J)	Tuff	0-1
RDX	16-20189	0816-01-0247	0.120 (J)	Tuff	2-3
RDX	16-20233	0816-01-0122	0.140 (J)	Tuff	2-3
RDX	16-20476	0816-01-0134	0.140 (J)	Tuff	0-1
RDX	16-20307	0816-01-0034	0.150 (J)	Tuff	0-1
RDX	16-20195	0816-01-0206	0.160 (J)	Tuff	2-3

Refer to footnotes at end of table.

Table 3.2.3-2 (Continued)
Organic COPCs: Samples with Detections-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
RDX	16-20270	0816-01-0138	0.160 (J)	Tuff	2-3
RDX	16-20416	0816-01-0246	0.170 (J)	Tuff	0-1
RDX	16-20694	0816-01-0253	0.205	Tuff	2-3
RDX	16-20389	0816-01-0030	0.310 (J)	Tuff	0-1
RDX	16-20333	0816-01-0091	0.320	Tuff	0-1
RDX	16-20340	0816-01-0174	0.370	Tuff	0-1
RDX	16-20415	0816-01-0245	0.460	Tuff	0-1
RDX	16-20270	0816-01-0136	0.490	Tuff	0-1
RDX	16-20233	0816-01-0121	0.530	Tuff	0-1
RDX	16-20234	0816-01-0115	0.540	Tuff	0-1
RDX	16-20269	0816-01-0062	0.570 (J)	Tuff	2-3
RDX	16-20334	0816-01-0235	0.810	Tuff	0-1
RDX	16-20419	0816-01-0244	1.100	Tuff	0-1
RDX	16-20148	0816-01-0073	1.300	Tuff	0-0.5
RDX	16-20305	0816-01-0035	1.300	Tuff	0-1
RDX	16-20198	0816-01-0114	1.400	Tuff	0-1
RDX	16-20197	0816-01-0120	1.600	Tuff	0-1
RDX	16-20269	0816-01-0061	1.800 (J)	Tuff	0-1
RDX	16-20271	0816-01-0140	1.800	Tuff	0-1
RDX	16-20195	0816-01-0205	2.100	Tuff	0-1
RDX	16-20295	0816-01-0072	2.300	Tuff	0-1
RDX	16-20742	RE16-02-45439	2.700	Tuff	0-1
RDX	16-20418	0816-01-0243	3.900	Tuff	2-3
RDX	16-20418	0816-01-0242	4.600	Tuff	0-1
RDX	16-20196	0816-01-0130	7.400	Tuff	0-1
RDX	16-20670	RE16-02-45436	18.000	Tuff	0-1
RDX	16-20670	RE16-02-45436	19.000	Tuff	0-1
RDX	16-20306	0816-01-0033	22.000	Tuff	0-1
RDX	16-20232	RE16-02-45438	36.000	Tuff	0-1
RDX	16-20232	RE16-02-45438	37.000	Tuff	0-1
Toluene	16-20004	0816-01-0293	0.001 (J)	Soil	0-0.5
Trinitrotoluene[2,4,6-]	16-20348	0816-01-0214	0.034 (J)	Soil	0-1
Trinitrotoluene[2,4,6-]	16-20304	0816-01-0036	0.086 (J)	Soil	0-1
Trinitrotoluene[2,4,6-]	16-20204	0816-01-0168	0.140	Soil	0-1
Trinitrotoluene[2,4,6-]	16-20387	0816-01-0161	0.270	Soil	0-1
Trinitrotoluene[2,4,6-]	16-20004	0816-01-0293	0.300	Soil	0-0.5
Trinitrotoluene[2,4,6-]	16-20198	0816-01-0114	0.067 (J)	Tuff	0-1

Refer to footnotes at end of table.

Table 3.2.3-2 (Concluded)
Organic COPCs: Samples with Detections-Biological Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Media	Depth (ft)
Trinitrotoluene[2,4,6-]	16-20195	0816-01-0205	0.087 (J)	Tuff	0-1
Trinitrotoluene[2,4,6-]	16-20232	RE16-02-45438	0.380 (J)	Tuff	0-1
Trinitrotoluene[2,4,6-]	16-20232	RE16-02-45438	0.450	Tuff	0-1
Trinitrotoluene[2,4,6-]	16-20670	RE16-02-45436	0.550	Tuff	0-1
Trinitrotoluene[2,4,6-]	16-20742	RE16-02-45439	1.200	Tuff	0-1
Trinitrotoluene[2,4,6-]	16-20306	0816-01-0033	1.200	Tuff	0-1

COPC = Chemical of potential concern.
ft = Foot (feet).
ID = Identification.
J = Estimation.
J- = Estimation with a low bias.
mg/kg = Milligram(s) per kilogram.

Table 3.2.3-3
Frequency of Detected Organics-Exposed Tuff Zone

Analyte	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Frequency of Detection (%)	EQL (mg/kg)
Amino-2,6-dinitrotoluene[4-]	143	20	0.049 to 0.550	14.0	0.330
Amino-4,6-dinitrotoluene[2-]	143	23	[2.5E-07] to 0.882	16.1	0.330
Bis(2-ethylhexyl)phthalate	137	7	0.08 to 0.620	5.1	0.430
Carbon Disulfide	5	1	[0.005] to 0.010	20.0	0.006
Di-n-butylphthalate	137	1	0.130 to [0.430]	0.7	0.430
Dinitrobenzene[1,3-]	143	1	0.044 to [0.330]	0.7	0.330
Dinitrotoluene[2,4-]	280	2	0.036 to [0.430]	0.7	0.430
Dinitrotoluene[2,6-]	280	1	[0.080] to [0.430]	0.4	0.430
HMX	143	76	[0.080] to 5.740	53.1	0.330
Methylnaphthalene[2-]	137	1	0.058 to [0.430]	0.7	0.430
Nitrotoluene[4-]	143	1	[0.080] to [0.330]	0.7	0.330
RDX	143	107	0.054 to 10.80	74.8	0.320
Tetryl	143	1	[0.08] to [0.330]	0.7	0.330
Toluene	5	2	0.001 to [0.026]	40.0	0.026
Trinitrobenzene[1,3,5-]	143	8	0.047 to 0.360	5.6	0.330
Trinitrotoluene[2,4,6-]	143	10	0.029 to 0.480	7.0	0.330

[ ] = Non-detect.

Table 3.2.3-4
Organic COPCs: Samples with Detections-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Amino-2,6-dinitrotoluene[4-]	16-20696	0816-01-0066	0.049 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20526	0816-01-0196	0.054 (J)	2-3
Amino-2,6-dinitrotoluene[4-]	16-20337	0816-01-0172	0.055 (J)	5-6
Amino-2,6-dinitrotoluene[4-]	16-20695	0816-01-0048	0.078 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20524	0816-01-0159	0.094 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20586	0816-01-0208	0.096 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20491	0816-01-0194	0.099 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20375	0816-01-0178	0.11 (J)	7-8
Amino-2,6-dinitrotoluene[4-]	16-20490	0816-01-0192	0.14 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20526	0816-01-0195	0.16 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20454	0816-01-0218	0.23 (J)	0-1
Amino-2,6-dinitrotoluene[4-]	16-20661	0816-01-0251	0.09	2-3
Amino-2,6-dinitrotoluene[4-]	16-20628	0816-01-0332	0.09	0-1
Amino-2,6-dinitrotoluene[4-]	16-20741	0816-01-0250	0.11	2-3
Amino-2,6-dinitrotoluene[4-]	16-20551	0816-01-0306	0.12	0-1
Amino-2,6-dinitrotoluene[4-]	16-20630	0816-01-0330	0.16	0-1
Amino-2,6-dinitrotoluene[4-]	16-20741	0816-01-0249	0.20	5-6
Amino-2,6-dinitrotoluene[4-]	16-20702	0816-01-0255	0.31	0-1
Amino-2,6-dinitrotoluene[4-]	16-20592	0816-01-0248	0.44	0-1
Amino-2,6-dinitrotoluene[4-]	16-20454	0816-01-0307	0.55	0-1
Amino-4,6-dinitrotoluene[2-]	16-20526	0816-01-0196	0.042 (J)	2-3
Amino-4,6-dinitrotoluene[2-]	16-20337	0816-01-0171	0.048 (J)	4-5
Amino-4,6-dinitrotoluene[2-]	16-20526	0816-01-0325	0.048 (J)	27.3-28.3
Amino-4,6-dinitrotoluene[2-]	16-20337	0816-01-0172	0.054 (J)	5-6
Amino-4,6-dinitrotoluene[2-]	16-20489	0816-01-0199	0.056 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20695	0816-01-0048	0.057 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20526	0816-01-0324	0.061 (J)	37.3-38.3
Amino-4,6-dinitrotoluene[2-]	16-20404	0816-01-0128	0.062 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20524	0816-01-0159	0.071 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20586	0816-01-0208	0.080 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20490	0816-01-0192	0.082 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20491	0816-01-0194	0.087 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20526	0816-01-0195	0.17 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20454	0816-01-0218	0.18 (J)	0-1
Amino-4,6-dinitrotoluene[2-]	16-20628	0816-01-0332	0.08	0-1
Amino-4,6-dinitrotoluene[2-]	16-20551	0816-01-0306	0.09	0-1
Amino-4,6-dinitrotoluene[2-]	16-20741	0816-01-0250	0.11	2-3

Table 3.2.3-4 (Continued)
Organic COPCs: Samples with Detections-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
Amino-4,6-dinitrotoluene[2-]	16-20630	0816-01-0330	0.18	0-1
Amino-4,6-dinitrotoluene[2-]	16-20741	0816-01-0249	0.20	5-6
Amino-4,6-dinitrotoluene[2-]	16-20702	0816-01-0255	0.36	0-1
Amino-4,6-dinitrotoluene[2-]	16-20592	0816-01-0248	0.52	0-1
Amino-4,6-dinitrotoluene[2-]	16-20337	0816-01-0170	0.81	0-1
Amino-4,6-dinitrotoluene[2-]	16-20454	0816-01-0307	0.88	0-1
Bis(2-ethylhexyl)phthalate	16-20477	0816-01-0095	0.080 (J)	0-1
Bis(2-ethylhexyl)phthalate	16-20404	0816-01-0128	0.099 (J)	0-1
Bis(2-ethylhexyl)phthalate	16-20630	0816-01-0330	0.100 (J)	0-1
Bis(2-ethylhexyl)phthalate	16-20558	0816-01-0102	0.110 (J)	0-1
Bis(2-ethylhexyl)phthalate	16-20551	0816-01-0306	0.120 (J)	0-1
Bis(2-ethylhexyl)phthalate	16-20702	0816-01-0255	0.53	0-1
Bis(2-ethylhexyl)phthalate	16-20513	0816-01-0096	0.62	0-1
Carbon Disulfide	16-20557	0816-01-0299	0.0098 (J)	2-3
HMX	16-20526	0816-01-0326	0.24 (J-)	53.5-54.5
HMX	16-20526	0816-01-0324	0.5 (J-)	37.3-38.3
HMX	16-20526	0816-01-0325	0.55 (J-)	27.3-28.3
HMX	16-20441	0816-01-0129	0.100 (J)	0-1
HMX	16-20408	0816-01-0238	0.19 (J)	0-1
HMX	16-20557	0816-01-0299	0.20 (J)	2-3
HMX	16-20560	0816-01-0142	0.21 (J)	2-3
HMX	16-20559	0816-01-0119	0.24 (J)	2-3
HMX	16-20486	0816-01-0212	0.24 (J)	0-1
HMX	16-20375	0816-01-0177	0.26 (J)	5-6
HMX	16-20490	0816-01-0192	0.27 (J)	0-1
HMX	16-20663	0816-01-0311	0.09	0-1
HMX	16-20625	0816-01-0320	0.13	0-1
HMX	16-20669	0816-01-0315	0.14	0-1
HMX	16-20662	0816-01-0314	0.22	2-3
HMX	16-20625	0816-01-0321	0.24	2-3
HMX	16-20591	0816-01-0318	0.24	0-1
HMX	16-20665	0816-01-0261	0.25	0-1
HMX	16-20596	0816-01-0259	0.27	0-1
HMX	16-20557	0816-01-0302	0.28	0-1
HMX	16-20374	0816-01-0233	0.28	0-1
HMX	16-20557	0816-01-0298	0.29	0-1
HMX	16-20624	0816-01-0322	0.29	0-1
HMX	16-20517	0816-01-0099	0.30	0-1

Table 3.2.3-4 (Continued)
Organic COPCs: Samples with Detections-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
HMX	16-20557	0816-01-0303	0.30	2-3
HMX	16-20661	0816-01-0251	0.30	2-3
HMX	16-20590	0816-01-0317	0.33	2-3
HMX	16-20478	0816-01-0151	0.33	0-1
HMX	16-20487	0816-01-0154	0.33	0-1
HMX	16-20523	0816-01-0165	0.33	0-1
HMX	16-20558	0816-01-0102	0.33	0-1
HMX	16-20490	0816-01-0198	0.36	0-1
HMX	16-20559	0816-01-0118	0.36	0-1
HMX	16-20702	0816-01-0257	0.36	4-5
HMX	16-20527	0816-01-0191	0.39	0-1
HMX	16-20595	0816-01-0263	0.39	0-1
HMX	16-20560	0816-01-0141	0.40	0-1
HMX	16-20662	0816-01-0313	0.43	0-1
HMX	16-20489	0816-01-0199	0.46	0-1
HMX	16-20586	0816-01-0208	0.46	0-1
HMX	16-20590	0816-01-0316	0.48	0-1
HMX	16-20477	0816-01-0095	0.48	0-1
HMX	16-20524	0816-01-0159	0.49	0-1
HMX	16-20561	0816-01-0098	0.50	0-1
HMX	16-20632	0816-01-0308	0.51	0-1
HMX	16-20452	0816-01-0222	0.54	0-1
HMX	16-20455	0816-01-0207	0.54	0-1
HMX	16-20489	0816-01-0200	0.54	2-3
HMX	16-20526	0816-01-0196	0.54	2-3
HMX	16-20372	0816-01-0230	0.60	0-1
HMX	16-20525	0816-01-0189	0.61	0-1
HMX	16-20453	0816-01-0223	0.65	0-1
HMX	16-20697	0816-01-0051	0.66	0-1
HMX	16-20695	0816-01-0048	0.68	0-1
HMX	16-20626	0816-01-0312	0.69	0-1
HMX	16-20404	0816-01-0128	0.74	0-1
HMX	16-20702	0816-01-0076	0.79	2-3
HMX	16-20736	0816-01-0090	0.79	0-1
HMX	16-20698	0816-01-0071	0.81	0-1
HMX	16-20629	0816-01-0319	0.84	0-1
HMX	16-20337	0816-01-0170	0.92	0-1
HMX	16-20522	0816-01-0160	0.98	0-1

Table 3.2.3-4 (Continued)
Organic COPCs: Samples with Detections-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
HMX	16-20667	0816-01-0197	1.15	0-1
HMX	16-20337	0816-01-0172	1.20	5-6
HMX	16-20454	0816-01-0218	1.20	0-1
HMX	16-20491	0816-01-0194	1.30	0-1
HMX	16-20337	0816-01-0171	1.60	4-5
HMX	16-20630	0816-01-0330	1.63	0-1
HMX	16-20526	0816-01-0195	1.70	0-1
HMX	16-20454	0816-01-0307	2.23	0-1
HMX	16-20592	0816-01-0248	2.30	0-1
HMX	16-20628	0816-01-0332	2.98	0-1
HMX	16-20702	0816-01-0255	3.14	0-1
HMX	16-20741	0816-01-0250	3.28	2-3
HMX	16-20741	0816-01-0249	3.71	5-6
HMX	16-20551	0816-01-0306	5.74	0-1
RDX	16-20519	0816-01-0158	0.054 (J)	0-1
RDX	16-20516	0816-01-0112	0.061 (J)	0-1
RDX	16-20413	0816-01-0216	0.066 (J)	0-1
RDX	16-20698	0816-01-0071	0.075 (J)	0-1
RDX	16-20520	0816-01-0123	0.085 (J)	0-1
RDX	16-20484	0816-01-0201	0.087 (J)	0-1
RDX	16-20518	0816-01-0126	0.091 (J)	0-1
RDX	16-20658	0816-01-0209	0.091 (J)	0-1
RDX	16-20554	0816-01-0145	0.093 (J)	2-3
RDX	16-20441	0816-01-0129	0.099 (J)	0-1
RDX	16-20337	0816-01-0170	0.10 (J)	0-1
RDX	16-20479	0816-01-0113	0.11 (J)	0-1
RDX	16-20586	0816-01-0208	0.11 (J)	0-1
RDX	16-20660	0816-01-0193	0.11 (J)	0-1
RDX	16-20700	0816-01-0049	0.11 (J)	0-1
RDX	16-20444	0816-01-0231	0.12 (J)	0-1
RDX	16-20696	0816-01-0066	0.12 (J)	0-1
RDX	16-20449	0816-01-0219	0.13 (J)	0-1
RDX	16-20451	0816-01-0224	0.13 (J)	0-1
RDX	16-20375	0816-01-0179	0.14 (J)	9-10
RDX	16-20486	0816-01-0212	0.14 (J)	0-1
RDX	16-20554	0816-01-0143	0.24 (J)	0-1
RDX	16-20624	0816-01-0322	0.14	0-1
RDX	16-20665	0816-01-0261	0.14	0-1

Table 3.2.3-4 (Continued)
Organic COPCs: Samples with Detections-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
RDX	16-20669	0816-01-0315	0.16	0-1
RDX	16-20413	0816-01-0305	0.27	0-1
RDX	16-20662	0816-01-0314	0.31	2-3
RDX	16-20662	0816-01-0313	0.36	0-1
RDX	16-20697	0816-01-0051	0.36	0-1
RDX	16-20442	0816-01-0228	0.42	0-1
RDX	16-20375	0816-01-0177	0.43	5-6
RDX	16-20478	0816-01-0151	0.44	0-1
RDX	16-20625	0816-01-0320	0.44	0-1
RDX	16-20513	0816-01-0096	0.46	0-1
RDX	16-20514	0816-01-0103	0.46	0-1
RDX	16-20517	0816-01-0099	0.46	0-1
RDX	16-20474	0816-01-0067	0.50	0-0.5
RDX	16-20626	0816-01-0312	0.57	0-1
RDX	16-20562	0816-01-0087	0.60	0-1
RDX	16-20562	0816-01-0088	0.60	2-3
RDX	16-20524	0816-01-0159	0.61	0-1
RDX	16-20447	0816-01-0220	0.66	0-1
RDX	16-20555	0816-01-0101	0.70	0-1
RDX	16-20404	0816-01-0128	0.75	0-1
RDX	16-20560	0816-01-0142	0.78	2-3
RDX	16-20373	0816-01-0234	0.80	0-1
RDX	16-20477	0816-01-0095	0.83	0-1
RDX	16-20515	0816-01-0104	0.87	0-1
RDX	16-20595	0816-01-0263	0.88	0-1
RDX	16-20490	0816-01-0192	0.92	0-1
RDX	16-20561	0816-01-0098	0.96	0-1
RDX	16-20625	0816-01-0321	1.03	2-3
RDX	16-20702	0816-01-0076	1.10	2-3
RDX	16-20695	0816-01-0048	1.10	0-1
RDX	16-20596	0816-01-0259	1.14	0-1
RDX	16-20741	0816-01-0250	1.15	2-3
RDX	16-20371	0816-01-0229	1.20	0-1
RDX	16-20455	0816-01-0207	1.20	0-1
RDX	16-20527	0816-01-0191	1.20	0-1
RDX	16-20661	0816-01-0251	1.24	2-3
RDX	16-20337	0816-01-0171	1.30	4-5

Table 3.2.3-4 (Continued)
Organic COPCs: Samples with Detections-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
RDX	16-20337	0816-01-0172	1.30	5-6
RDX	16-20372	0816-01-0230	1.40	0-1
RDX	16-20523	0816-01-0165	1.40	0-1
RDX	16-20741	0816-01-0249	1.44	5-6
RDX	16-20629	0816-01-0319	1.56	0-1
RDX	16-20490	0816-01-0198	1.60	0-1
RDX	16-20559	0816-01-0119	1.60	2-3
RDX	16-20667	0816-01-0197	1.62	0-1
RDX	16-20521	0816-01-0124	1.70	0-1
RDX	16-20408	0816-01-0238	1.80	0-1
RDX	16-20487	0816-01-0154	1.80	0-1
RDX	16-20560	0816-01-0141	1.80	0-1
RDX	16-20632	0816-01-0308	1.80	0-1
RDX	16-20525	0816-01-0189	1.90	0-1
RDX	16-20558	0816-01-0102	1.90	0-1
RDX	16-20628	0816-01-0332	1.99	0-1
RDX	16-20557	0816-01-0299	2.00	2-3
RDX	16-20489	0816-01-0199	2.10	0-1
RDX	16-20591	0816-01-0318	2.12	0-1
RDX	16-20590	0816-01-0316	2.13	0-1
RDX	16-20590	0816-01-0317	2.26	2-3
RDX	16-20488	0816-01-0157	2.30	0-1
RDX	16-20702	0816-01-0257	2.47	4-5
RDX	16-20557	0816-01-0334	2.50	11.7-12.6
RDX	16-20452	0816-01-0222	2.60	0-1
RDX	16-20559	0816-01-0118	2.70	0-1
RDX	16-20374	0816-01-0233	2.80	0-1
RDX	16-20526	0816-01-0326	2.80	53.5-54.5
RDX	16-20702	0816-01-0255	2.92	0-1
RDX	16-20491	0816-01-0194	3.00	0-1
RDX	16-20489	0816-01-0200	3.30	2-3
RDX	16-20630	0816-01-0330	3.46	0-1
RDX	16-20557	0816-01-0303	3.51	2-3
RDX	16-20526	0816-01-0196	3.90	2-3
RDX	16-20557	0816-01-0327	3.90	18.7-19.6
RDX	16-20453	0816-01-0223	4.00	0-1
RDX	16-20454	0816-01-0218	4.00	0-1

Table 3.2.3-4 (Concluded)
Organic COPCs: Samples with Detections-Exposed Tuff Zone

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	Depth (ft)
RDX	16-20526	0816-01-0325	4.30	27.3-28.3
RDX	16-20557	0816-01-0298	4.50	0-1
RDX	16-20557	0816-01-0302	4.68	0-1
RDX	16-20526	0816-01-0324	4.80	37.3-38.3
RDX	16-20522	0816-01-0160	6.20	0-1
RDX	16-20454	0816-01-0307	7.06	0-1
RDX	16-20551	0816-01-0306	7.37	0-1
RDX	16-20526	0816-01-0195	8.30	0-1
RDX	16-20592	0816-01-0248	10.80	0-1
Toluene	16-20557	0816-01-0299	0.00059 (J)	2-3
Toluene	16-20557	0816-01-0298	0.00072 (J)	0-1
Trinitrobenzene[1,3,5-]	16-20557	0816-01-0328	0.047 (J)	66-67
Trinitrobenzene[1,3,5-]	16-20522	0816-01-0160	0.052 (J)	0-1
Trinitrobenzene[1,3,5-]	16-20557	0816-01-0334	0.088 (J)	11.7-12.6
Trinitrobenzene[1,3,5-]	16-20557	0816-01-0329	0.12 (J)	52.6-53.6
Trinitrobenzene[1,3,5-]	16-20557	0816-01-0327	0.13 (J)	18.7-19.6
Trinitrobenzene[1,3,5-]	16-20557	0816-01-0333	0.14 (J)	36.7-37.4
Trinitrobenzene[1,3,5-]	16-20337	0816-01-0170	0.17 (J)	0-1
Trinitrobenzene[1,3,5-]	16-20526	0816-01-0195	0.36	0-1
Trinitrotoluene[2,4,6-]	16-20526	0816-01-0196	0.029 (J)	2-3
Trinitrotoluene[2,4,6-]	16-20491	0816-01-0194	0.031 (J)	0-1
Trinitrotoluene[2,4,6-]	16-20557	0816-01-0334	0.041 (J)	11.7-12.6
Trinitrotoluene[2,4,6-]	16-20337	0816-01-0172	0.043 (J)	5-6
Trinitrotoluene[2,4,6-]	16-20586	0816-01-0208	0.078 (J)	0-1
Trinitrotoluene[2,4,6-]	16-20454	0816-01-0218	0.079 (J)	0-1
Trinitrotoluene[2,4,6-]	16-20551	0816-01-0306	0.12	0-1
Trinitrotoluene[2,4,6-]	16-20592	0816-01-0248	0.13	0-1
Trinitrotoluene[2,4,6-]	16-20702	0816-01-0255	0.16	0-1
Trinitrotoluene[2,4,6-]	16-20526	0816-01-0195	0.48	0-1

Table 3.2.4-1
Results of Data Review

Analyte	Biological Zone		Exposed Tuff Zone	Result	Rationale
	Soil	Tuff			
Inorganic Chemicals					
Aluminum	---	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Antimony	---	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Arsenic	---	---	---	Eliminated	Eliminated from both zones because detected concentrations did not exceed established BVs or were not statistically different from background
Barium	X	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Beryllium	---	---	X	Retained	Retained for exposed tuff zone because detected concentrations exceeded established BVs and failed the statistical tests
Cadmium	---	---	---	Eliminated	Eliminated from both zones because detected concentrations did not exceed established BVs or were not statistically different from background
Chromium	---	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Cobalt	X	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests or had samples greater than the maximum BV value by several factors
Copper	X	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Iron	---	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Lead	X	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests or had samples greater than the maximum BV value by several factors
Manganese	---	---	---	Eliminated	Eliminated from both zones because detected concentrations did not exceed established BVs or were not statistically different from background

Refer to footnotes at end of table.

Table 3.2.4-1 (Continued)
Results of Data Review

Analyte	Biological Zone		Exposed Tuff Zone	Result	Rationale
	Soil	Tuff			
Mercury	---	---	X	Retained	Retained for exposed tuff zone because detected concentrations exceeded established BVs and because there is no background data set for comparison
Nickel	---	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Perchlorate	ND	ND	X	Retained	Retained for exposed tuff zone because it was detected in seven samples and does not have an associated BV
Selenium	---	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Silver	X	---	---	Retained	Retained for biological zone because there is no soil background data set for comparison
Thallium	---	---	---	Eliminated	Eliminated from both zones because detected concentrations did not exceed established BVs or were not statistically different from background
Vanadium	---	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests
Zinc	X	X	X	Retained	Retained for both zones because detected concentrations exceeded established BVs and failed the statistical tests or had samples greater than maximum BV by several factors
Radionuclides					
Cesium-137	---		ND	Eliminated	Eliminated from biological zone because detected concentrations did not exceed established BVs
Uranium-234	---		---	Eliminated	Eliminated from both zones because detected concentrations did not exceed established BVs
Uranium-235	---		---	Eliminated	Eliminated from both zones because detected concentrations did not exceed established BVs
Uranium-238	---		---	Eliminated	Eliminated from both zones because detected concentrations did not exceed established BVs
Organic Chemicals					
Acetone	X		ND	Retained	Retained for biological zone because concentrations were detected in more than 5% of the samples

Refer to footnotes at end of table.

Table 3.2.4-1 (Continued)
Results of Data Review

Analyte	Biological Zone		Exposed Tuff Zone	Result	Rationale
	Soil	Tuff			
Amino-2,6-dinitrotoluene[4-]	X		X	Retained	Retained for both zones because concentrations were detected in more than 5% of the samples
Amino-4,6-dinitrotoluene[2-]	X		X	Retained	Retained for both zones because concentrations were detected in more than 5% of the samples
Aroclor-1260	X		ND	Retained	Retained for biological zone because concentrations were detected in more than 5% of the samples
Benzoic Acid	---		ND	Eliminated	Eliminated from biological zone because concentrations were detected in less than 5% of the samples
Bis(2-ethylhexyl)phthalate	X		X	Retained	Retained for both zones because concentrations were detected in more than 5% of the samples
Carbon Disulfide	ND		X	Retained	Retained for exposed tuff zone because concentrations were detected in more than 5% of the samples
Di-n-butylphthalate	ND		---	Eliminated	Eliminated from exposed tuff zone because concentrations were detected in less than 5% of the samples
DDT[4,4]	X		ND	Retained	Retained for biological zone because concentrations were detected in more than 5% of the samples
Dichlorobenzene[1,4-]	---		ND	Eliminated	Eliminated from biological zone because concentrations were detected in less than 5% of the samples
Dinitrobenzene[1,3-]	---		---	Eliminated	Eliminated from both zones because concentrations were detected in less than 5% of the samples
Dinitrotoluene[2,4-]	---		---	Eliminated	Eliminated from both zones because concentrations were detected in less than 5% of the samples
Dinitrotoluene[2,6-]	---		---	Eliminated	Eliminated from both zones because concentrations were detected in less than 5% of the samples
HMX	X		X	Retained	Retained for both zones because concentrations were detected in more than 5% of the samples
Methylnaphthalene[2-]	---		---	Eliminated	Eliminated from both zones because concentrations were detected in less than 5% of the samples
Nitrotoluene[3-]	---		ND	Eliminated	Eliminated from biological zone because concentrations were detected in less than 5% of the samples

Refer to footnotes at end of table.

Table 3.2.4-1 (Concluded)
Results of Data Review

Analyte	Biological Zone		Exposed Tuff Zone	Result	Rationale
	Soil	Tuff			
Nitrotoluene[4-]	---		---	Eliminated	Eliminated from both zones because concentrations were detected in less than 5% of the samples
RDX	X		X	Retained	Retained for both zones because concentrations were detected in more than 5% of the samples
Tetryl	---		---	Eliminated	Eliminated from both zones because concentrations were detected in less than 5% of the samples
Toluene	X		X	Retained	Retained for both zones because concentrations were detected in more than 5% of the samples
Trinitrobenzene[1,3,5-]	ND		X	Retained	Retained for exposed tuff zone because concentrations were detected in more than 5% of the samples
Trinitrotoluene[2,4,6-]	X		X	Retained	Retained for both zones because concentrations were detected in more than 5% of the samples

ND = 100% non-detect within a given zone.
X = Retained as a COPC.
--- = Eliminated as a COPC.

Table 4.2.2-1
Summary Statistics for the MDA P Site COPCs Used for the Human Health Risk Screening Assessment

Analyte	Number of Analyses	Distribution Type	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Mean Concentration (mg/kg)	Standard Deviation (mg/kg)	95% UCL (mg/kg)
Inorganic Chemicals							
Aluminum	259	Non-Parametric	803	32,700	5,634	4,090	6,049
Antimony	259	Non-Parametric	0.046	2.9	0.390	0.229	0.414
Barium	259	Non-Parametric	3.05	6,980	452	821	535
Beryllium	259	Non-Parametric	0.23	3.3	0.786	0.472	0.834
Chromium	259	Non-Parametric	0.22	39.4	4.90	3.6	5.25
Cobalt	259	Non-Parametric	0.27	151	4.21	10.9	5.34
Copper	259	Non-Parametric	0.47	36.8	6.1	6.39	6.71
Iron	259	Lognormal	4,050	22,500	10,044	2,944	10,335
Lead	259	Non-Parametric	1.2	144	8.52	11.2	9.67
Mercury	259	Non-Parametric	0.001	0.22	0.018	0.018	0.02
Nickel	259	Lognormal	0.65	12.6	4.12	2.41	4.5
Perchlorate	51	Non-Parametric	0.004	0.075	0.025	0.017	0.029
Selenium	259	Non-Parametric	0.05	1.4	0.23	0.16	0.25
Silver	259	Non-Parametric	0.001	15.8	0.42	1.13	0.54
Vanadium	259	Non-Parametric	0.19	29.3	8.90	6.11	9.52
Zinc	259	Non-Parametric	4.7	912	43.3	58.2	49.0
Organic Chemicals							
Acetone	10	Non-Parametric	0.012	0.215	0.06	0.08	0.1
Amino-2,6-dinitrotoluene[4-]	262	Non-Parametric	0.04	0.98	0.15	0.09	0.15
Amino-4,6-dinitrotoluene[2-]	262	Non-Parametric	1.25E-07	1.1	0.15	0.12	0.16
Aroclor-1260	7	Non-Parametric	0.018	0.06	0.025	0.016	0.034
Bis(2-ethylhexyl)phthalate	259	Non-Parametric	0.08	0.62	0.19	0.04	0.2
Carbon Disulfide	5	Non-Parametric	0.003	0.01	0.004	0.003	0.006
DDT[4,4'-]	7	Non-Parametric	0.0009	0.008	0.002	0.003	0.003
HMX	262	Non-Parametric	0.04	16	0.75	1.9	0.95
RDX	262	Non-Parametric	0.04	37	1.47	3.97	1.89
Toluene	10	Lognormal	0.0006	0.013	0.003	0.004	0.008
Trinitrobenzene[1,3,5-]	262	Non-Parametric	0.04	0.7	0.13	0.06	0.14
Trinitrotoluene[2,4,6-]	262	Non-Parametric	0.03	1.2	0.14	0.11	0.16

95% UCL = 95% upper confidence limit of the mean.

Table 4.2.2-2
Summary Statistics for the Biological Zone COPCs Used for the Ecological Risk Screening Assessment

Analyte	Number of Analyses	Distribution Type	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Mean Concentration (mg/kg)	Standard Deviation (mg/kg)	95% UCL (mg/kg)
Inorganic Chemicals							
Aluminum	137	Lognormal	1,340	32,700	6,321	4,447	7,014
Antimony	137	Non-parametric	0.046	2.90	0.3716	0.28	0.410
Barium	137	Lognormal	9.7	6,630	443	786	656
Chromium	137	Lognormal	0.520	39.4	5.37	3.98	5.95
Cobalt	137	Non-parametric	0.27	44.7	3.42	5.39	4.18
Copper	137	Non-parametric	0.680	36.8	6.64	6.87	7.60
Iron	137	Lognormal	4,050	22,500	9,814	2,999	10,226
Lead	137	Non-parametric	1.5	61.5	9.36	7.5	10.4
Nickel	137	Lognormal	0.650	12.6	4.19	2.47	4.65
Selenium	137	Non-parametric	0.050	0.74	0.22	0.13	0.24
Silver	137	Non-parametric	0.01	15.8	0.49	1.53	0.70
Vanadium	137	Non-parametric	0.19	29.3	9.27	6.39	10.2
Organic Chemicals							
Acetone	5	Normal	0.012	0.014	0.013	0.00096	0.014
Amino-2,6-dinitrotoluene[4-]	139	Non-parametric	0.04	0.98	0.16	0.11	0.18
Amino-4,6-dinitrotoluene[2-]	139	Non-parametric	0.04	1.1	0.16	0.13	0.18
Aroclor-1260	3[a]	NA	0.020	0.061	0.34	NA	0.061
Bis(2-ethylhexyl)phthalate	136	Non-parametric	0.110	0.28	0.19	0.019	0.20
DDT[4,4]	3[a]	NA	0.001	0.008	0.001	NA	0.0079
HMX	139	Non-parametric	0.040	16	0.98	2.48	1.33
RDX	139	Non-parametric	0.040	37	1.65	5.18	2.37
Toluene	5	Non-parametric	0.001	0.003	0.003	0.001	0.0033
Trinitrotoluene[2,4,6-]	139	Non-parametric	0.034	1.2	0.17	0.14	0.18

[a]Too few observations to calculate 95% UCL or standard deviation.
95% UCL = 95% upper confidence limit of the mean.
NA = Not applicable.

Table 4.2.2-3
Comparison of Noncarcinogenic COPCs with SALs (0-5 feet)

Analyte	95% UCL (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals			
Aluminum	6,050	7,400	74,000
Antimony	0.41	3	30
Barium	**534**	520	5,200
Beryllium	0.83	15	150
Cobalt	5.35	450	4,500
Copper	6.71	280	2,800
Iron	**10,335**	2,300	23,000
Lead	9.67	40	400
Mercury	0.02	2.3	23
Nickel	4.50	150	1,500
Perchlorate	0.03	0.78	7.8
Selenium	0.25	38	380
Silver	0.54	38	380
Vanadium	9.52	53	530
Zinc	49.0	2,300	23,000
Organic Chemicals			
Acetone	0.10	160	1,600
Amino-2,6-dinitrotoluene[4-][a]	0.15	6.1	61
Amino-4,6-dinitrotoluene[2-][a]	0.16	6.1	61
Aroclor-1260	0.034[b]	0.11	1.1
Carbon Disulfide	0.01	36	360
HMX	0.95	310	3,100
Toluene	0.005	18	180
Trinitrobenzene[1,3,5-]	0.14	180	1,800

Values in **bold** indicate SAL or 0.1 SAL exceeded by 95% UCL.
[a]2.6-Dinitrotoluene was used as a surrogate SAL (EPA 2001, 71466).
[b]Data set had <10 samples. 95% UCL could not be calculated. Maximum value used.
95% UCL = 95% upper confidence limit of the mean.

Table 4.2.2-4
Comparison of Carcinogenic COPCs with SALs (0-5 feet)

Analyte	95% UCL (mg/kg)	SAL (mg/kg)
Aroclor-1260	0.034[a]	0.22
Bis(2-ethylhexyl)phthalate	0.20	35
Chromium	5.28	210
DDT[4,4'-]	0.0035[a]	1.7
RDX	1.89	4.4
Trinitrotoluene[2,4,6-]	0.14	16

[a]Data set had <10 samples. 95% UCL could not be calculated. Maximum value used.
95% UCL = 95% upper confidence limit of the mean.

Table 4.2.3-1
Summary Statistics for the Biological Zone 5,400 ft² Residential Lot COPCs

Analyte	Number of Analyses	Distribution Type	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Mean Concentration (mg/kg)	Standard Deviation (mg/kg)	95% UCL (mg/kg)
Inorganic Chemicals							
Aluminum	NA[a]	NA	NA	NA	NA	NA	NA
Antimony	NA[a]	NA	NA	NA	NA	NA	NA
Barium	8	Lognormal	16.9	3,850	897	1,255	1,584
Beryllium	NA[a]	NA	NA	NA	NA	NA	NA
Chromium	NA[a]	NA	NA	NA	NA	NA	NA
Cobalt	NA[a]	NA	NA	NA	NA	NA	NA
Copper	8	Lognormal	0.96	28.9	7.8	9.03	12.7
Iron	NA[a]	NA	NA	NA	NA	NA	NA
Lead	8	Lognormal	2.9	30.3	8.69	9.4	21.8
Mercury	NA[a]	NA	NA	NA	NA	NA	NA
Nickel	NA[a]	NA	NA	NA	NA	NA	NA
Perchlorate	NA[b]	NA	NA	NA	NA	NA	NA
Selenium	8	Non-parametric	0.12	0.64	0.22	0.17	0.31
Silver	8	Non-parametric	0.09	1.6	0.42	0.48	0.69
Vanadium	NA[a]	NA	NA	NA	NA	NA	NA
Zinc	8	Lognormal	17.6	90.5	38.3	22.5	58.6
Organic Chemicals							
Acetone	NA[b]	NA	NA	NA	NA	NA	NA
Amino-2,6-dinitrotoluene[4-]	9	Non-parametric	0.088	0.98	0.33	0.33	0.51
Amino-4,6-dinitrotoluene[2-]	9	Non-parametric	0.074	1.1	0.35	0.38	0.55
Bis(2-ethylhexyl)phthalate	8	Lognormal	0.16	0.28	0.21	0.03	0.23
Carbon Disulfide	NA[b]	NA	NA	NA	NA	NA	NA
DDT[4,4'-]	NA[b]	NA	NA	NA	NA	NA	NA
HMX	9	Lognormal	0.16	16	4.52	6.74	8.03
RDX	9	Lognormal	0.14	37	9.77	15.3	17.7
Toluene	NA[b]	NA	NA	NA	NA	NA	NA
Trinitrobenzene[1,3,5-]	NA[b]	NA	NA	NA	NA	NA	NA
Trinitrotoluene[2,4,6-]	9	Non-parametric	0.145	0.45	0.21	0.12	0.27

[a]Maximum concentration less then the UTL Tuff background concentration.
[b]100% non-detect.
95% UCL = 95% upper confidence limit of the mean.

Table 4.2.3-2
Summary Statistics for the Exposed Tuff Zone 5,400 ft² Residential Lot

Analyte	Number of Analyses	Distribution Type	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Mean Concentration (mg/kg)	Standard Deviation (mg/kg)	95% UCL (mg/kg)
Inorganic Chemicals							
Aluminum	9	Lognormal	2,230	13,500	5,397	4,177	10,415
Antimony	9	Non-parametric	0.34	0.52	0.47	0.05	0.5
Barium	9	Lognormal	865	6,980	2,109	1,944	3,834
Beryllium	9	Lognormal	0.43	2	1.04	0.59	1.75
Chromium	9	Lognormal	2.2	9.3	5.01	2.69	7.75
Cobalt	9	Non-parametric	2.1	151	20	49.1	45.6
Copper	9	Lognormal	1.8	7.4	4.57	1.99	6.85
Iron	9	Non-parametric	9,730	20,600	13,970	4,740	16,404
Lead	NA[a]	NA	NA	11.2	NA	NA	NA
Mercury	NA[a]	NA	NA	0.063	NA	NA	NA
Nickel	9	Lognormal	0.8	8.7	4.39	2.51	5.68
Perchlorate	NA[b]	NA	NA	0.73	NA	NA	NA
Selenium	9	Lognormal	0.125	0.54	0.28	0.15	0.49
Vanadium	9	Lognormal	5.4	18	9.82	4.73	14.4
Zinc	9	Lognormal	18.15	66.1	36.3	15.0	50.7
Organic Chemicals							
Acetone	NA[b]	NA	NA	NA	NA	NA	NA
Amino-2,6-dinitrotoluene[4-]	9	Non-parametric	0.099	0.55	0.2	0.14	0.27
Amino-4,6-dinitrotoluene[2-]	9	Non-parametric	0.056	0.88	0.21	0.26	0.34
Aroclor-1260	NA[b]	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA[b]	NA	NA	NA	NA	NA	NA
Carbon Disulfide	NA[b]	NA	NA	NA	NA	NA	NA
DDT[4,4'-]	NA[b]	NA	NA	NA	NA	NA	NA
HMX	9	Lognormal	0.27	2.23	0.84	0.63	1.59
RDX	9	Lognormal	0.92	7.06	3.02	1.9	5.63
Toluene	NA[b]	NA	NA	NA	NA	NA	NA
Trinitrobenzene[1,3,5-]	NA[b]	NA	NA	NA	NA	NA	NA
Trinitrotoluene[2,4,6-]	9	Non-parametric	0.03	0.16	0.12	0.05	0.15

[a]Maximum concentration less then the UTL Tuff background concentration.
[b]100% non-detect.
95% UCL = 95% upper confidence limit of the mean.
NA = Not applicable.

Table 4.2.3-3
SAL Comparison to 95% UCL Concentrations of Noncarcinogens—
Biological Zone: 5,400 ft² Residential Lot (0-5 feet)

Analyte	95% UCL (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals			
Barium	**1,584**	520	5,200
Copper	12.73	280	2,800
Lead	21.8	40	400
Selenium	0.31	38	380
Silver	0.68	38	380
Zinc	58.6	2,300	23,000
Organic Chemicals			
Amino-2,6-dinitrotoluene[4-][a]	0.51	6.1	61
Amino-4,6-dinitrotoluene[2-][a]	0.55	6.1	61
HMX	8.03	310	3,100

Values in **bold** indicate SAL or 0.1 SAL exceeded by 95% UCL.
[a]2,6-Dinitrotoluene was used as a surrogate SAL (EPA 2001, 71466).
95% UCL = 95% upper confidence limit of the mean.

Table 4.2.3-4
SAL Comparison to 95% UCL Concentrations of Carcinogens—
Biological Zone: 5,400 ft^2 Residential Lot (0-5 feet)

Analyte	95% UCL (mg/kg)	SAL (mg/kg)
Bis(2-ethylhexyl)phthalate	0.26	35
RDX	**17.7**	4.4
Trinitrotoluene[2,4,6-]	0.27	16

Values in bold indicate SAL exceeded by the 95% UCL.
95% UCL = 95% upper confidence limit of the mean.

Table 4.2.3-5
SAL Comparison to 95% UCL Concentrations of Noncarcinogens—
Exposed Tuff Zone: 5,400 ft² Residential Lot (0-5 feet)

Analyte	95% UCL (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals			
Aluminum	**10,415**	7,400	74,000
Antimony	0.50	3	30
Barium	**3,834**	520	5,200
Beryllium	1.75	15	150
Cobalt	45.6	450	4,500
Copper	6.9	280	2,800
Iron	**16,404**	2,300	23,000
Nickel	5.68	150	1,500
Selenium	0.49	38	380
Vanadium	14.4	53	530
Zinc	50.7	2,300	23,000
Organic Chemicals			
Amino-2,6-dinitrotoluene[4-][a]	0.27	6.1	61
Amino-4,6-dinitrotoluene[2-][a]	0.34	6.1	61
HMX	1.6	310	3,100
Trinitrobenzene[1,3,5-]	0.1	180	1,800

Values in **bold** indicate SAL or 0.1 SAL exceeded by 95% UCL.
[a]2,6-Dinitrotoluene was used as a surrogate SAL (EPA 2001, 71466).
95% UCL = 95% upper confidence limit of the mean.

Table 4.2.3-6
SAL Comparison to 95% UCL Concentrations of Carcinogens—Exposed Tuff Zone:
5,400 ft² Residential Lot (0-5 feet)

Analyte	95% UCL (mg/kg)	SAL (mg/kg)
Chromium	7.8	210
RDX	**5.63**	4.4
Trinitrotoluene[2,4,6-]	0.15	16

Values in bold indicate SAL exceeded by the 95% UCL.
95% UCL = 95% upper confidence limit of the mean.

Table 4.3.2-1
ESLs for the MDA P Site Receptors for COPCs in the Biological Zone
(mg/kg)

Analyte	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Inorganic Chemicals											
Antimony	0.05	---	---	---	---	---	---	6.2	1	0.57	97
Barium	100	---	230	380	1,000	46,000	1,700	34	4.5	2.4	420
Chromium	2.4	1.4	460	550	680	13,000	5,300	8,000	2,100	700	18,000
Cobalt	0.25	---	0.051	0.093	0.46	6	0.38	5	0.19	0.091	10
Copper	10	13	390	310	260	22,000	3,300	300	170	170	8,900
Iron	---	---	---	---	---	---	---	---	---	---	---
Lead	450	2000	55	72	100	2,700	500	930	220	100	4,600
Nickel	20	100	980	1,200	1,600	38,000	9,700	7,900	2,100	900	31,000
Selenium	0.1	7.7	1.1	2	10	140	8.4	55	1.9	0.91	110
Silver	0.05	---	14	19	30	2,400	100	0.52	0.14	0.091	14
Vanadium	0.025	---	2.8	5.1	28	510	21	790	20	9.6	1,500
Zinc	10	350	97	130	210	4,900	660	1,100	840,000	710,000	1,800,000
Organic Chemicals											
Acetone	---	---	42,000	4,200	2,200	5,600,000	310,000	4.3	3.8	37	---
Amino-2,6-dinitrotoluene[4-]	80	---	---	---	---	---	---	5.8	3.6	5.7	930
Amino-4,6-dinitrotoluene[2-]	80	---	---	---	---	---	---	8.4	5.3	8.3	1,300
Aroclor-1260	---	---	0.44	0.86	15	2.2	1.8	660	10	5	32
Bis(2-ethylhexyl)phthalate	---	---	1	1.9	23	1.7	2.3	3,600	61	30	64
DDT[4,4'-]	3.7	---	0.0026	0.0052	0.12	0.0092	0.0093	200	2.1	1	4.6
HMX	---	500	---	---	---	---	---	51	43	260	37,000
RDX	100	500	---	---	---	---	---	11	9.2	33	4,900
Toluene	200	---	---	---	---	---	---	160	73	70	12,000
Trinitrotoluene[2,4,6-]	0.7	0.7	---	---	---	---	---	77	53	100	16,000

--- = No ESL established.

Table 4.3.2-2
HQ/HI Summary for COPCs in Biological Zone

Analyte	95% UCL, 0-5 ft (mg/kg)	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Inorganic Chemicals												
Antimony	4.10E-01	**8.20E+00**	---	---	---	---	---	---	6.61E-02	**4.14E-01**	**7.19E-01**	4.20E-03
Barium	6.56E+02	**6.56E+00**	---	**2.50E+00**	**1.73E+00**	**6.56E-01**	1.43E-02	**3.86E-01**	**1.93E+01**	**1.46E+02**	**2.73E+02**	**1.56E+00**
Chromium	5.95E+00	**2.48E+00**	**4.25E+00**	1.29E-02	1.08E-02	8.80E-03	5.00E-04	1.10E-03	7.00E-04	2.80E-03	8.50E-03	3.00E-04
Cobalt	4.18E+00	**1.67E+01**	---	**8.20E+01**	**4.50E+01**	**9.09E+00**	**6.97E-01**	**1.10E+01**	**8.36E-01**	**2.20E+01**	**4.59E+01**	**4.18E-01**
Copper	7.60E+00	**7.60E-01**	**5.85E-01**	1.96E-02	2.45E-02	2.92E-02	3.00E-04	2.30E-03	2.53E-02	4.47E-02	4.47E-02	9.00E-04
Iron	1.02E+04	---	---	---	---	---	---	---	---	---	---	---
Lead	1.04E+01	2.31E-02	5.20E-03	1.89E-01	1.44E-01	1.04E-01	3.90E-03	2.08E-02	1.12E-02	4.73E-02	1.04E-01	2.30E-03
Nickel	4.65E+00	2.33E-01	4.65E-02	4.70E-03	3.90E-03	2.90E-03	1.00E-04	4.90E-04	5.91E-04	2.20E-03	5.19E-03	2.00E-04
Selenium	2.40E-01	**2.40E+00**	3.12E-02	2.18E-01	1.20E-01	2.40E-02	1.70E-03	2.86E-02	4.40E-03	1.26E-01	2.64E-01	2.20E-03
Silver	7.00E-01	**1.40E+01**	---	5.00E-02	3.68E-02	2.33E-02	2.93E-04	7.03E-03	**1.35E+00**	**5.00E+00**	**7.69E+00**	5.00E-02
Vanadium	1.02E+01	**4.08E+02**	---	**3.64E+00**	**2.00E+00**	**3.64E-01**	2.00E-02	**4.86E-01**	1.29E-02	**5.10E-01**	**1.06E+00**	6.78E-03
Zinc	5.37E+01	**5.37E+00**	1.54E-01	**5.54E-01**	**4.13E-01**	2.56E-01	1.10E-02	8.14E-02	4.89E-02	6.40E-05	7.57E-05	2.99E-05
Organic Chemicals												
Acetone	1.40E-02	---	---	3.33E-07	3.33E-06	6.36E-06	2.50E-09	4.52E-08	3.26E-03	3.68E-03	3.78E-04	---
Amino-2,6-dinitrotoluene[4-]	1.80E-01	2.25E-03	---	---	---	---	---	---	3.10E-02	5.00E-02	3.16E-02	1.94E-04
Amino-4,6-dinitrotoluene[2-]	1.82E-01	2.28E-03	---	---	---	---	---	---	2.17E-02	3.43E-02	2.19E-02	1.40E-04
Aroclor-1260	6.1E-02 [a]	---	---	1.39E-01	7.09E-02	4.07E-03	2.77E-02	3.39E-02	9.24E-05	6.10E-03	1.22E-02	1.91E-03
Bis(2-ethylhexyl) phthalate	2.00E-01	---	---	2.00E-01	1.05E-01	8.70E-03	1.18E-01	8.70E-02	5.56E-05	3.28E-03	6.67E-03	3.13E-03
DDT[4,4'-]	7.9E-03 [a]	2.14E-03	---	**3.04E+00**	**1.52E+00**	6.58E-02	**8.59E-01**	**8.49E-01**	3.95E-05	3.76E-03	7.90E-03	1.72E-03
HMX	1.33E+00	---	2.66E-03	---	---	---	---	---	2.61E-02	3.09E-02	5.12E-03	3.59E-05
RDX	2.37E+00	2.37E-02	4.74E-03	---	---	---	---	---	2.16E-01	2.58E-01	7.18E-02	4.82E-04
Toluene	3.30E-03	1.65E-05	---	---	---	---	---	---	2.06E-05	4.52E-05	4.71E-05	2.75E-07
Trinitro-toluene[2,4,6-]	1.80E-01	2.57E-01	2.57E-01	---	---	---	---	---	2.34E-03	3.40E-03	1.80E-03	1.13E-05
HI		**4.64E+02**	**5.34E+00**	**9.29E+01**	**5.11E+01**	**1.06E+01**	**1.75E+00**	**1.30E+01**	**2.19E+01**	**1.74E+02**	**3.29E+02**	**2.05E+00**

Value in **Bold** indicates HQ > 0.3 or an HI > 1.0.

[a] 95% UCL could not be calculated; maximum detection was used.

--- = ESL not available.

Table 4.3.2-3
HQ/HI Summary of COPCs With Elimination of ESLs Less than Background—Biological Zone

Analyte	95% UCL, 0-5 ft (mg/kg)	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Inorganic Chemicals												
Antimony	4.10E-01	NC	---	---	---	---	---	---	6.61E-02	**4.14E-01**	NC	4.27E-03
Barium	6.56E+02	NC	---	NC	**1.72E+00**	**6.56E-01**	1.43E-02	**3.86E-01**	NC	NC	NC	**1.56E+00**
Chromium	5.95E+00	NC	NC	1.29E-02	1.08E-02	8.75E-03	4.58E-04	1.12E-03	7.44E-04	2.83E-03	8.50E-03	3.31E-04
Cobalt	4.18E+00	NC	---	NC	NC	NC	NC	NC	NC	NC	NC	**4.18E-01**
Copper	7.60E+00	NC	NC	1.95E-02	2.45E-02	2.92E-02	3.45E-04	2.30E-03	2.53E-02	4.47E-02	4.47E-02	8.54E-04
Iron	1.02E+04	---	---	---	---	---	---	---	---	---	---	---
Selenium	2.40E-01	NC	3.12E-02	NC	1.20E-01	2.40E-02	1.74E-03	2.86E-02	4.36E-03	1.26E-01	2.64E-01	2.18E-03
Silver	7.00E-01	NC	---	5.00E-02	3.68E-02	2.33E-02	2.92E-04	7.00E-03	NC	NC	NC	5.00E-02
Vanadium	1.02E+01	NC	---	NC	NC	NC	2.00E-02	NC	1.29E-02	NC	NC	6.80E-03
Zinc	5.37E+01	NC	1.54E-01	**5.54E-01**	**4.13E-01**	2.56E-01	1.10E-02	8.14E-02	4.89E-02	6.40E-05	7.57E-05	2.99E-05
Organic Chemicals												
Acetone	1.40E-02	---	---	3.33E-07	3.33E-06	6.36E-06	2.50E-09	4.52E-08	3.26E-03	3.68E-03	3.78E-04	---
Amino-2,6-dinitrotoluene[4-]	1.80E-01	2.25E-03	---	---	---	---	---	---	3.10E-02	5.00E-02	3.16E-02	1.94E-04
Amino-4,6-dinitrotoluene[2-]	1.82E-01	2.28E-03	---	---	---	---	---	---	2.17E-02	3.43E-02	2.19E-02	1.40E-04
Aroclor-1260	6.1E-02 [a]	---	---	1.39E-01	7.09E-02	4.07E-03	2.77E-02	3.39E-02	9.24E-05	6.10E-03	1.22E-02	1.91E-03
Bis(2-ethylhexyl)phthalate	2.00E-01	---	---	2.00E-01	1.05E-01	8.70E-03	1.18E-01	8.70E-02	5.56E-05	3.28E-03	6.67E-03	3.13E-03
DDT[4,4'-]	7.9E-03 [a]	2.14E-03	---	**3.04E+00**	**1.52E+00**	6.58E-02	**8.59E-01**	**8.49E-01**	3.95E-05	3.76E-03	7.90E-03	1.72E-03
HMX	1.33E+00	---	2.66E-03	---	---	---	---	---	2.61E-02	3.09E-02	5.12E-03	3.59E-05
RDX	2.37E+00	2.37E-02	4.74E-03	---	---	---	---	---	2.15E-01	2.38E-01	7.18E-02	4.84E-04
Toluene	3.30E-03	1.65E-05	---	---	---	---	---	---	2.06E-05	4.52E-05	4.71E-05	2.75E-07
Trinitrotoluene[2,4,6-]	1.80E-01	2.57E-01	2.57E-01	---	---	---	---	---	2.34E-03	3.40E-03	1.80E-03	1.13E-05
HI		2.88E-01	4.49E-01	**4.01E+00**	**4.03E+00**	**1.08E+00**	**1.05E+00**	**1.48E+00**	4.58E-01	**9.77E-01**	4.76E-01	**2.05E+00**

Bold indicates HQ > 0.3 or an HI > 1.0.
[a] 95% UCL could not be calculated; maximum detection was used.
NC = HQ not calculated because the ESL is < the BV.
--- = ESL not available.

Table 5.3.2-1
Summary of Step 3: Problem Formulation
COPECs and Receptors, by Media
Unfiltered Water Data Used for Assessment
Guild suffixes: h - herbivore; o - omnivore; i - insectivore; f - flesh

COPEC	Surface Water	Springs	Alluvial Water	Sediment	Soil
Inorganics					
Aluminum	aquatic community	aquatic community	aquatic community, shrew, deer mouse, bat, fox		
Barium	aquatic community[a]	aquatic community	aquatic community	Bkgnd	cottontail, kestrel, plant, fox, kestrel-f
Cadmium	aquatic community	aquatic community	aquatic community		
Cobalt	aquatic community	aquatic community	aquatic community	Bkgnd	
Copper				aquatic community	Bkgnd, plant
Lead				aquatic community	robin-h, robin-o
Manganese	aquatic community	aquatic community	aquatic community		
Silver		aquatic community	aquatic community	aquatic community, swallow	plant, robin-h, robin-o, robin-i
Thallium				bat	
Vanadium				Bkgnd	
Organics					
Di-n-butyl phthalate				swallow	
HMX				bat	deer mouse, cottontail, shrew
RDX				bat	deer mouse

[a]Generic aquatic community, "Final Water Quality Guidance for the Great Lakes System; Final Rule," or from New Mexico water quality standards.

Table 5.3.2-2
Summaries of Soil Hazard Quotients for COPECs that Exceed One or More Screening Values

	Barium			Copper			Lead		
	Minimum	**Maximum**	**MedUCL**	**Minimum**	**Maximum**	**MedUCL**	**Minimum**	**Maximum**	**MedUCL**
Plant	0.18	**37.**	**7.9**	0.033	**1.4**	0.28	0.38	**3.3**	**2.2**
Invert	NA	NA	NA	0.25	**11.**	**2.2**	0.076	0.66	0.44
Robini	**3.4**	**690.**	**150.**	0.0087	0.37	0.074	0.097	0.84	0.56
Robinip	**2.1**	**420.**	**90.**	0.016	0.66	0.13	0.12	**1.0**	0.66
Robinp	0.80	**160.**	**34.**	0.024	0.99	0.20	0.13	**1.2**	0.77
Kestrel	0.46	**93.**	**20.**	0.001	0.043	0.0088	0.0078	0.068	0.045
Kestrelf	0.018	**3.7**	0.79	0.00021	0.0087	0.0018	0.0040	0.035	0.023
Cottontail	0.59	**120.**	**26.**	0.022	0.93	0.19	0.010	0.088	0.058
Mouse	**4.4**	**890.**	**190.**	0.033	**1.4**	0.28	0.016	0.14	0.093
Shrew	**8.0**	**1600.**	**340.**	0.021	0.87	0.18	0.027	0.24	0.16
Fox	0.050	**10.**	**2.1**	0.00049	0.02	0.0042	0.0013	0.011	0.0074

	Silver			HMX			RDX		
	Minimum	**Maximum**	**MedUCL**	**Minimum**	**Maximum**	**MedUCL**	**Minimum**	**Maximum**	**MedUCL**
Plant	**3.2**	**74.**	**36.**	NA	NA	NA	0.0016	0.055	0.0072
Invert	NA	NA	NA	NA	NA	NA	NA	NA	NA
Robini	0.22	**5.3**	**2.6**	NA	NA	NA	NA	NA	NA
Robinip	0.48	**11.**	**5.6**	NA	NA	NA	NA	NA	NA
Robinp	0.71	**17.**	**8.2**	NA	NA	NA	NA	NA	NA
Kestrel	0.027	0.65	0.32	NA	NA	NA	NA	NA	NA
Kestrelf	0.0048	0.11	0.056	NA	NA	NA	NA	NA	NA
Cottontail	0.0035	0.083	0.041	0.17	**260.**	**11.**	0.026	0.90	0.12
Mouse	0.0048	0.11	0.056	0.19	**290.**	**12.**	0.031	**1.1**	0.14
Shrew	0.0025	0.060	0.029	0.019	**29.**	1.2	0.007	0.24	0.031
Fox	0.000057	0.0014	0.00074	0.000086	0.13	0.0055	0.000031	0.0011	0.00014

Bolded values exceed criteria.
NA = Criteria not available.
Diet suffixes on receptor names: i – invertebrate; p – plant; f - flesh.

Table 5.3.2-3
Summaries of Drinking Water Pathway Hazard Quotients for COPEC Detected Values that Exceed One or More Screening Values

	Aluminum			Barium			Cadmium		
	Minimum	**Maximum**	**MedianUCL**	**Minimum**	**Maximum**	**MedianUCL**	**Minimum**	**Maximum**	**MedianUCL**
Aqcomm[a]	0.14	**1000.**	**15.**	**26.**	**4600.**	**820.**	**1.50**	**35.**	**8.0**
Bat	0.0010	**7.6**	0.11	0.030	**5.3**	0.94	0.000035	0.00084	0.00019
Cottontail	0.00064	**4.8**	0.070	0.018	**3.2**	0.56	0.000022	0.00052	0.00012
Mouse	0.0012	**9.1**	0.13	0.035	**6.2**	**1.1**	0.000042	0.00100	0.00023
Fox	0.00055	**4.1**	0.06	0.016	**2.8**	0.50	0.000020	0.00047	0.00011
Shrew	0.0014	**11.**	0.15	0.041	**7.2**	**1.3**	0.000050	0.00120	0.00027
Kestrel	0.000013	0.10	0.0015	0.00013	0.023	0.0041	0.000018	0.00043	0.00010
Robin	0.000016	0.12	0.0017	0.00015	0.027	0.0048	0.000022	0.00052	0.00012
Swallow	0.000027	0.20	0.0030	0.00026	0.046	0.0082	0.000037	0.00088	0.00020

	Cobalt			Manganese			Silver		
	Minimum	**Maximum**	**MedianUCL**	**Minimum**	**Maximum**	**MedianUCL**	**Minimum**	**Maximum**	**MedianUCL**
Aqcomm[a]	0.18	**5.9**	**2.2**	0.021	**54.**	**1.3**	**2.5**	**20.**	**8.1**
Bat	0.0045	0.15	0.054	6.3E-06	0.016	0.00039	0.0074	0.060	0.024
Cottontail	0.0027	0.088	0.032	3.8E-06	0.0096	0.00023	0.0044	0.036	0.014
Mouse	0.0054	0.18	0.065	7.4E-06	0.019	0.00045	0.0089	0.072	0.029
Fox	0.0023	0.077	0.028	3.3E-06	0.0085	0.00020	0.0039	0.031	0.013
Shrew	0.0061	0.20	0.073	8.9E-06	0.023	0.00055	0.010	0.081	0.033
Kestrel	0.0034	0.11	0.041	3.6E-07	0.00092	0.000022	0.000020	0.000016	0.000064
Robin	0.0039	0.13	0.046	4.1E-07	0.0011	0.000025	0.000023	0.00019	0.000076
Swallow	0.0066	0.22	0.079	7.4E-07	0.0019	0.000045	0.000040	0.00033	0.00013

Bolded values exceed criteria.
[a]Generic Aquatic Community.

Table 5.3.2-4
Summaries of Sediment Hazard Quotients for COPEC Detected Values that Exceed One or More Screening Values

	Barium			Cobalt			Copper			Lead		
	Minimum	Maximum	Median UCL	Minimum	Maximum	Median UCL	Minimum	Maximum	Median UCL	Minimum	Maximum	Median UCL
Bat[a]	**1.9**	**4800**	**770**	**9.2**	**200**	**52**	0.0070	0.33	0.053	0.019	0.64	0.12
Swallow[b]	0.019	**47**	**7.5**	**15**	**320**	**85**	0.0029	0.14	0.022	0.035	**1.2**	0.21
AqComm[c]	0.13	**330**	**53**	NA[d]	NA	NA	0.075	**3.6**	0.57	0.11	**3.8**	0.68

	Silver			Thallium			Vanadium			Di-n-butylphthalate		
	Minimum	Maximum	Median UCL	Minimum	Maximum	Median UCL	Minimum	Maximum	Median UCL	Minimum	Maximum	Median UCL
Bat[a]	**2.3**	**130**	**30**	0.68	**16**	**5.9**	0.041	**4.2**	**1.3**	0.000076	0.0059	0.0015
Swallow[b]	0.014	0.76	0.18	NA	NA	NA	0.13	**13**	**4.0**	0.54	**42**	**10**
AqComm[c]	0.28	**15**	**3.6**	NA	NA	NA	NA	NA	NA	0.012	0.91	0.23

	HMX			RDX		
	Minimum	Maximum	Median UCL	Minimum	Maximum	Median UCL
Bat[a]	0.0027	0.49	0.055	0.0046	0.95	0.051
Swallow[b]	NA	NA	NA	NA	NA	NA
AqComm[c]	NA	NA	NA	NA	NA	NA

Bolded values exceed criteria.
[a]Emergent insect ingestion pathway.
[b]Emergent insect ingestion pathway.
[c]Generic sediment insect community.
[d]Screening ESL not available.
NA = Criteria not available.

Table 5.5.1-1
Cañon de Valle Small Mammal Trapping Results for Spring and Fall 2001
Number of Individuals by Species and Reproductive Status

	Juvenile Female	Juvenile Male	Pregnant Female	Lactating Female	Non-Reproductive Female	Non-Scrotal Male	Scrotal Male	Totals
Spring 2001								
Cañon de Valle								
Deer Mouse[a]	2		1	2	3	5	8	**21**
Montane Vole[b]				1		3		**4**
Totals	**2**		**1**	**3**	**3**	**8**	**8**	**25**
Pajarito Canyon								
Deer Mouse					2	2	4	**8**
Montane Vole							1	**1**
Totals					**2**	**2**	**5**	**9**
Fall 2001								
Cañon de Valle								
Deer Mouse	6	3		3	6	5	2	**25**
Brush Mouse[c]			1	1	7	8		**17**
Pinion Mouse[d]					1			**1**
Western Harvest Mouse[e]	2	2	2	1	2	3		**12**
Wood Rat[f]						4		**4**
Totals	**8**	**5**	**3**	**5**	**16**	**20**	**2**	**59**
Pajarito Canyon								
Deer Mouse		2	2	1	5	6	1	**17**
Brush Mouse			1	1	3	2	1	**8**
Wood Rat				1		1	1	**3**
Totals		**2**	**3**	**3**	**8**	**9**	**3**	**28**

[a] *Peromyscus maniculatus.*
[b] *Microtus montanus.*
[c] *Peromyscus boylii.*
[d] *Peromyscus truei.*
[e] *Reithrodontomys megalotis.*

[1]*Neotoma mexicana.*

Table 5.5.1-2
Deer Mouse Population Density Estimates by Trapping Grid and Season

Location	Spring 2001 individuals/ha (±95% CI)	Fall 2001 individuals/ha (±95% CI)
Cañon de Valle, Upper Grid	10.5 (4)	NA[a]
Cañon de Valle, Lower Grid	24 (9)	144 (66)
Pajarito Canyon, Upper Grid	7.1 (3.8)	11.3 (7.5)
Pajarito Canyon, Lower Grid	9.1 (4.1)	18.7 (8)

[a]Population density not calculated because new capture data are non-linear (5,4,8,6). See text for explanation.
CI = Confidence level.
ha = Hectare.
NA = Not applicable.

Table 5.5.1-3a
Small Mammal Weights, Spring and Fall 2001
Data Summaries and Statistical Testing for Differences Between
Canyons and Sexes within a Species

Group (n)	Min.	1st Qtr.	Median	Mean	3rd Qtr.	Max.
Spring 2001 Deer Mouse Data Summary						
CdV Males (13)	13.5	15.00	16.00	17.77	20.00	25
CdV Females (6)	15.0	17.25	18.25	18.58	19.62	23
Pajarito Males (6)	16.0	18.25	19.50	20.17	20.00	28
Pajarito Females (2)	17.0	17.75	18.50	18.50	19.25	20
Fall 2001 Deer Mouse Data Summary						
CdV Males (7)	15.0	15.50	16.5	16.93	17.5	21
CdV Females (9)	13.0	19.00	21.0	19.50	22.0	22
Pajarito Males (7)	14.5	15.55	19.0	17.66	19.5	20
Pajarito Females (8)	14.5	16.50	18.0	18.06	19.5	22
Fall 2001 Brush Mouse Data Summary						
CdV Males (8)	14	15.0	17.25	17.75	18.62	25.0
CdV Females (9)	12	14.5	14.80	16.64	18.00	24.0
Pajarito Males (3)	18	18.5	19.00	18.83	19.25	19.5
Pajarito Females (5)	19	19.0	20.00	20.10	20.50	22.0
Fall 2001 Wood Rat Data Summary						
CdV Males (4)	130	130	138	139	147	150
Pajarito Males (2)	92	111	130	130	149	168
Pajarito Females (1)	130	130	130	130	130	130

Max. = Maximum.
Min. = Minimum.
Qtr. = Quarter.

Table 5.5.1-3b
Small Mammal Weights, Spring and Fall 2001
Statistical Testing for Differences Between
Canyons and Sexes within a Species

	Kruskal-Wallis Rank Sum Test P-Value		ANOVA P-Value	
	Four groups	**Two groups**	**Four groups**	**Two groups**
Spring 2001 Deer Mouse	0.60	0.24	0.60	0.24
Fall 2001 Deer Mouse	0.23	0.55	0.29	0.62
Fall 2001 Brush Mouse	0.11	**0.024**	0.27	0.074
Fall 2001 Wood Rat	---	0.71	---	0.66

ANOVA = Analysis of variance.
--- = Test could not be run due to lack of CdV females.

Table 5.5.1-4
TRVs for Top Carnivore Receptors and ESLs for Whole Small Mammals Associated with Cañon de Valle COPECs

COPEC	TRV, mg/kg-d	Lab Study Organism	Risk Screening Receptor	Mexican Spotted Owl ESL, mg/kg
Barium	12.6	Chicken	Kestrel	63
Lead	5.1	Kestrel	Kestrel	25
Silver	5.4	Turkey	Kestrel	27
Copper	47	Chicken	Kestrel	235
HMX	75	Mouse	Fox	375
RDX	10	Rat	Fox	50

The NOAEL calculation is as follows:

Dose, mg for $NOAEL_{owl}$ = TRV x 0.6 kg Owl Body Weight

NOAEL mg/kg $_{owl}$ = (Dose /120 g/d Owl Intake Rate) x 1000 g/kg

ESL = NOAEL

NOAEL = No-observed-adverse-effect level.
TRV = Toxicity Reference Value.

Table 5.5.2-1
Sensitive Species Metrics for Cañon de Valle Relative to Three Reference Sites

	Cañon de Valle (2.6)[a]	**Los Alamos Canyon (13.0)**	**Pajarito Canyon (9.0)**	**Guaje Canyon (10.0)**
EPT	6	18	10	16
EPT/EPT + Chironomids	0.66	0.25	0.84	0.90
CDTq	91.0	71.4	80.0	62.0

[a]Numbers in parentheses indicate miles upstream from the mouth of the canyon.
CDTq = Community tolerance dominance quotient.
EPT = Ephemeroptera, plecoptera, and trichoptera.

Table 5.5.2-2a
Data Summaries of Sediment and
Water Toxicity Testing with *Chironomus tentans*

Group	Min.	1st Qtr.	Median	Mean	3rd Qtr.	Max.
Percent Survival Data Summaries Starting number is 10 individuals per replicate, with 8 replicates per site						
Starmer's Gulch	60	77.5	90	82.5	90	90
Above MDA P	30	60.0	75	68.75	80	90
Below MDA P	70	80.0	90	86.25	90	100
Growth Data Summaries Ash-free dry weight, mg/individual, based upon surviving individuals						
Starmer's Gulch	0.34	0.43	0.44	0.4356	0.46	0.52
Above MDA P	0.34	0.35	0.37	0.3756	0.38	0.44
Below MDA P	0.35	0.37	0.39	0.3956	0.40	0.50

Table 5.5.2-2b
Statistical Evaluations of Sediment and
Water Toxicity Testing with *Chironomus tentans*
Pairwise Comparisons Using Wilcoxon Rank Sum Test and Student's t Test

		Survival	
	Starmar's Gulch	Above MDA P	Below MDA P
Starmer's Gulch	---	Wilcoxon, p=0.08 Student's t, p=0.10	Wilcoxon, p=0.64 Student's t, p=0.49
Above MDA P	Wilcoxon, **p=0.03** Student's t, **p=0.01**	---	Wilcoxon, **p=0.03** Student's t, **p=0.03**
Below MDA P	Wilcoxon, p=0.10 Student's t, p=0.10	Wilcoxon, p=0.27 Student's t, p=0.28	---
	Growth		

Table 5.7-1
Data Summaries of Detected Values for MDA P Site Soils and Cañon de Valle Overbank Soils

	Min.	1st Qtr.	Median	Mean	3rd Qtr.	Max.	Detects
MDA P Site Soils							
Barium	18.7	120	200.5	538.7	503	6630	70
RDX	0.069	0.2625	0.73	3.176	2.125	37	36
Aluminum	2630	5542	7305	7926	9750	19900	70
Cadmium	0.04	0.0665	0.087	0.1545	0.12	1.4	23
Cobalt	0.69	2.125	3.35	3.954	4.075	44.7	70
Copper	0.68	3.9	5.1	7.373	8.275	36.8	70
HMX	0.118	0.5725	1.05	2.828	2.425	16	32
Lead	3.8	8.325	10.45	12.18	13.87	61.5	70
Manganese	30.9	179	225	257.6	298.8	1290	70
Silver	0.099	0.165	0.73	2.146	1.5	15.8	15
Vanadium	2.9	8.3	12.2	12.89	15.3	29.3	69
Cañon de Valle Overbank Soils							
Barium	184	4430	5620	9264	9575	37300	30
RDX	0.16	0.32	0.49	0.8833	0.72	5.5	21
Aluminum	3030	4312	5370	5316	6332	8880	30
Cadmium	0.06	0.085	0.22	0.309	0.4075	1.1	10
Cobalt	1.50	4.175	5.30	6.703	7.3	17.5	30
Copper	3.30	14.3	24.55	26.53	29.4	139	30
HMX	0.19	0.8	1.60	16.47	12	290	27
Lead	7.60	28.18	36.30	35.59	44.50	65.9	30
Manganese	75.2	278.8	341	341	378.50	980	30
Silver	0.63	2.675	3.60	5.478	8.050	14.9	28
Vanadium	8.90	11.98	14.3	14.35	15.7	21.2	30

Table 5.7-2
Statistical Comparisons of Cañon de Valle COPECs to MDA P Site Soils

COPEC	Gehan Test p-value	Quantile Test p-value
Aluminum	0.000049	0.0021
Barium	1.0	1.0
Cadmium	*	0.033
Cobalt	1.0	1.0
Copper	1.0	1.0
HMX	*	1.0
Lead	1.0	1.0
Manganese	1.0	1.0
RDX	*	1.0
Silver	*	1.0
Vanadium	1.0	0.99

*Insufficient number of detects for the statistical test.

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Photo 2.7-2	Current condition of the MDA P Site, October 2002
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Photograph 2.7-1. Post-excavation condition of MDA P Site, before stabilization and reseeding, 2001

Photograph 2.7-2. Condition of the MDA P Site, October 2002

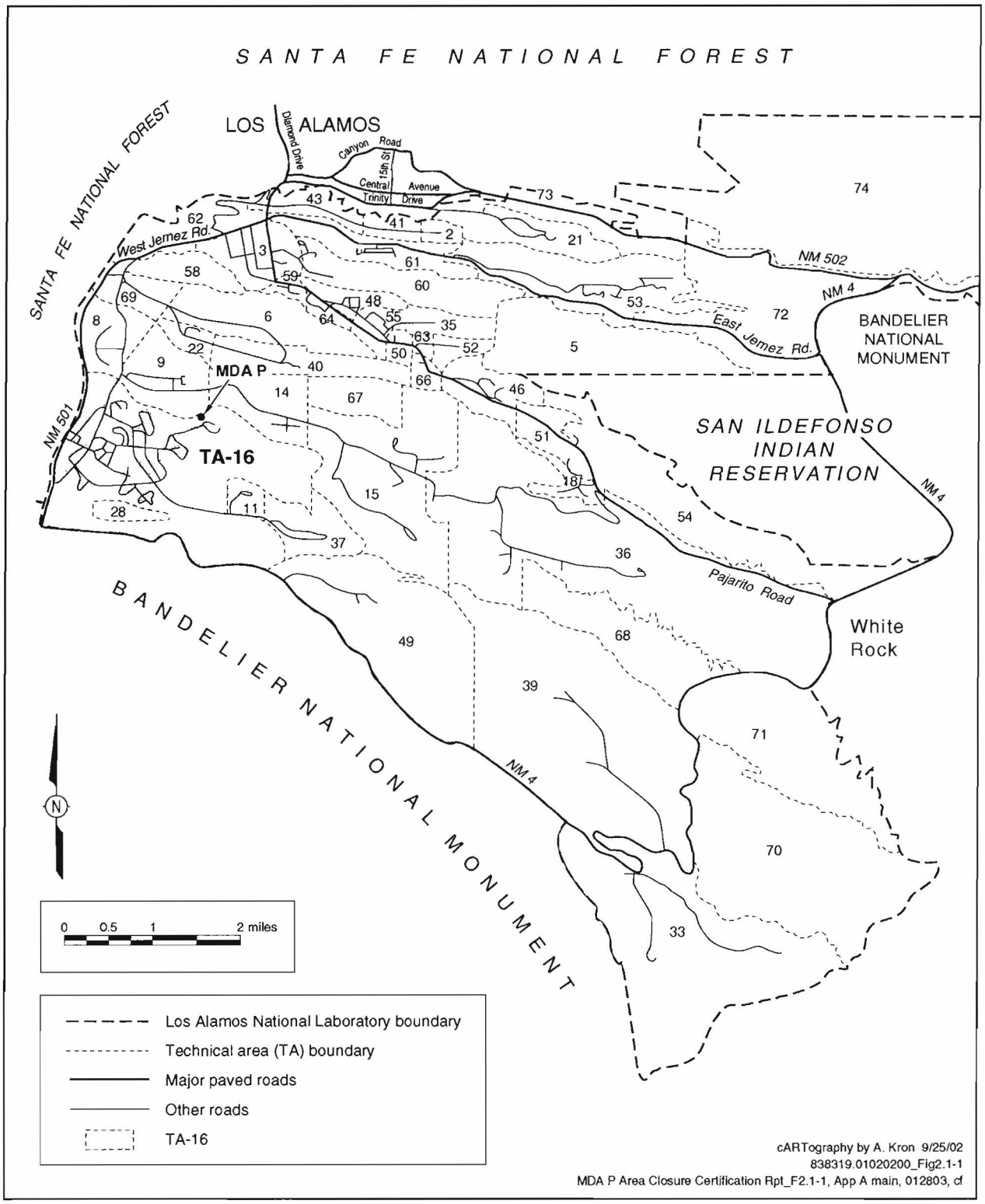
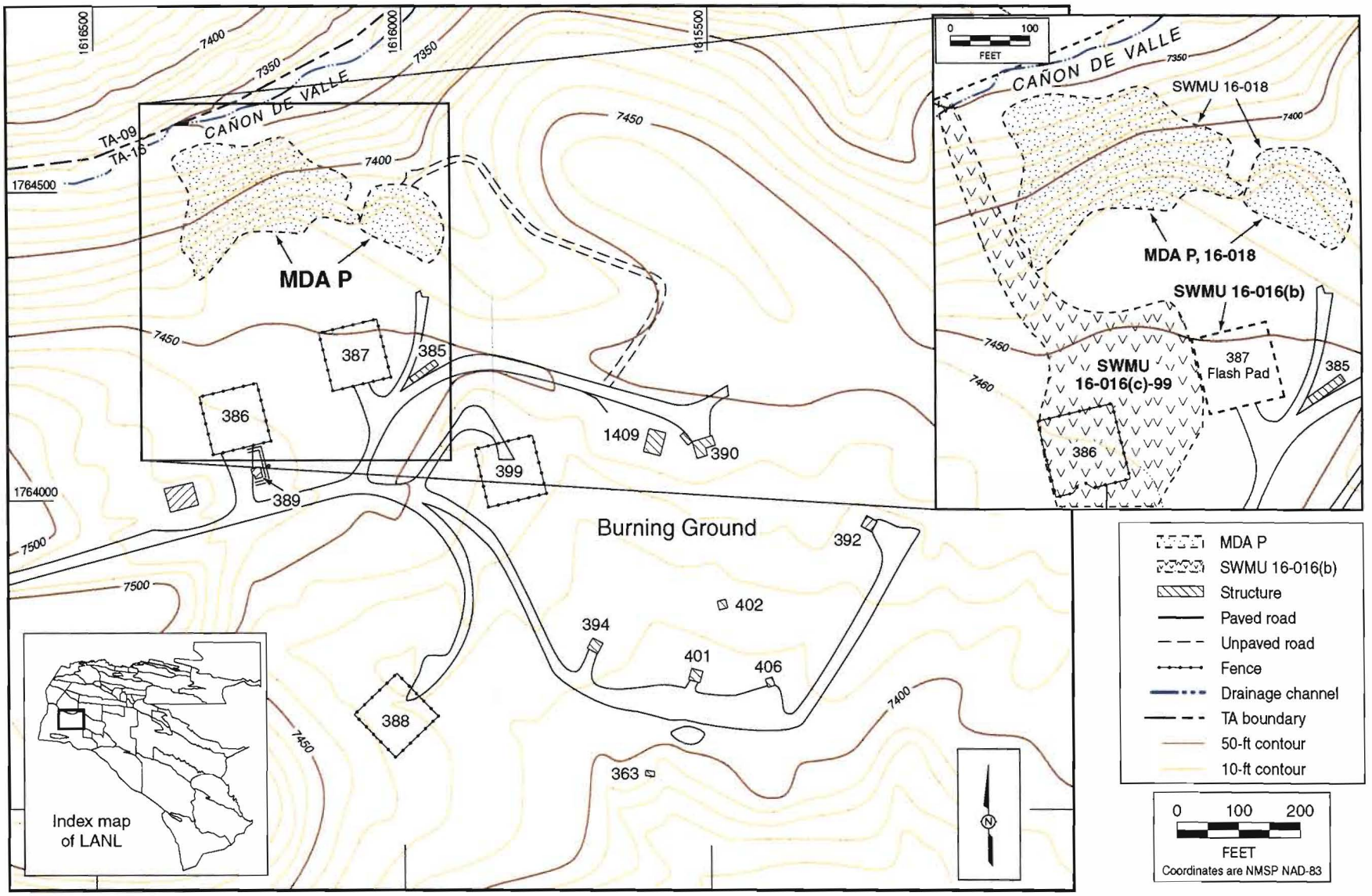


Figure 2.1-1 General Location of TA-16 and the MDA P Site



Shaw: 838319.01030001_Fig1-2

Sources: LASL 1962, ENG-C23442; FIMAD 199_Rev. by A. Kron 7/2/99_Rev. for MDA P, F2.1-2, App. A, 012803, cf

Figure 2.1-2. Individual SWMUs at the MDA P Site proir to excavation

MDA P
SWMU 16-018
(WEST LOBE)

MDA P
SWMU 16-018
(EAST LOBE)

CONSOLIDATED
SWMU 16-016(c)-99

ADDITIONAL
REMOVAL
SITE

387 FLASH PAD
SWMU 16-010(b)

SEPTIC TANK
(REMOVED)

1764800
1764700
1764600
1764500
1764400
1764300
1764200
1764100
1764000
1763900

1615400 1615500 1615600 1615700 1615800 1615900 1616000 1616100 1616200 1616300 1616400 1616500

LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- 795 — SAMPLE GRID SQUARE AND NUMBER (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- 1764000 — NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 70 140 210

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FIGURE 2.7-1, Appendix A
BOUNDARIES OF THE BIOLOGICAL AND EXPOSED TUFF ZONES AND SWMUs AT THE MDA P AREA
MDA P AREA PHASE II
LOS ALAMOS, NEW MEXICO

DRAWN BY	Z. Carpio	8/26/02	CHECKED BY	---	---
APPROVED BY	---	---	DRAWING NUMBER	838319.01030001_MDAP_BASE2	
OFFICE	Albuquerque, NM				
X-REF	---				
IMAGE	---				

PLOT DATE: 8/26/02
FORMAT REVISION 8/26/02

MDA-P
SWMU-16-018
(WEST LOBE)

MDA-P
SWMU 16-018
(EAST LOBE)

CONSOLIDATED
SWMU-16-016(c)-99

ADDITIONAL
REMOVAL
SITE

387 FLASH PAD
SWMU 16-010(b)

SEPTIC TANK
(REMOVED)

1764800
1764700
1764600
1764500
1764400
1764300
1764200
1764100
1764000
1763900

1615400 1615500 1615600 1615700 1615800 1615900 1616000 1616100 1616200 1616300 1616400 1616500

LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- 792 — SAMPLE GRID SQUARE AND NUMBER (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- SOIL SAMPLE IN TOP 5'
- TUFF SAMPLE IN TOP 5'
- TUFF SAMPLE BELOW 5'
- SOIL SAMPLE IN TOP 5' WITH DEEPER TUFF SAMPLE
- 1764000 — NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 70 140 210

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LOS ALAMOS, NEW MEXICO

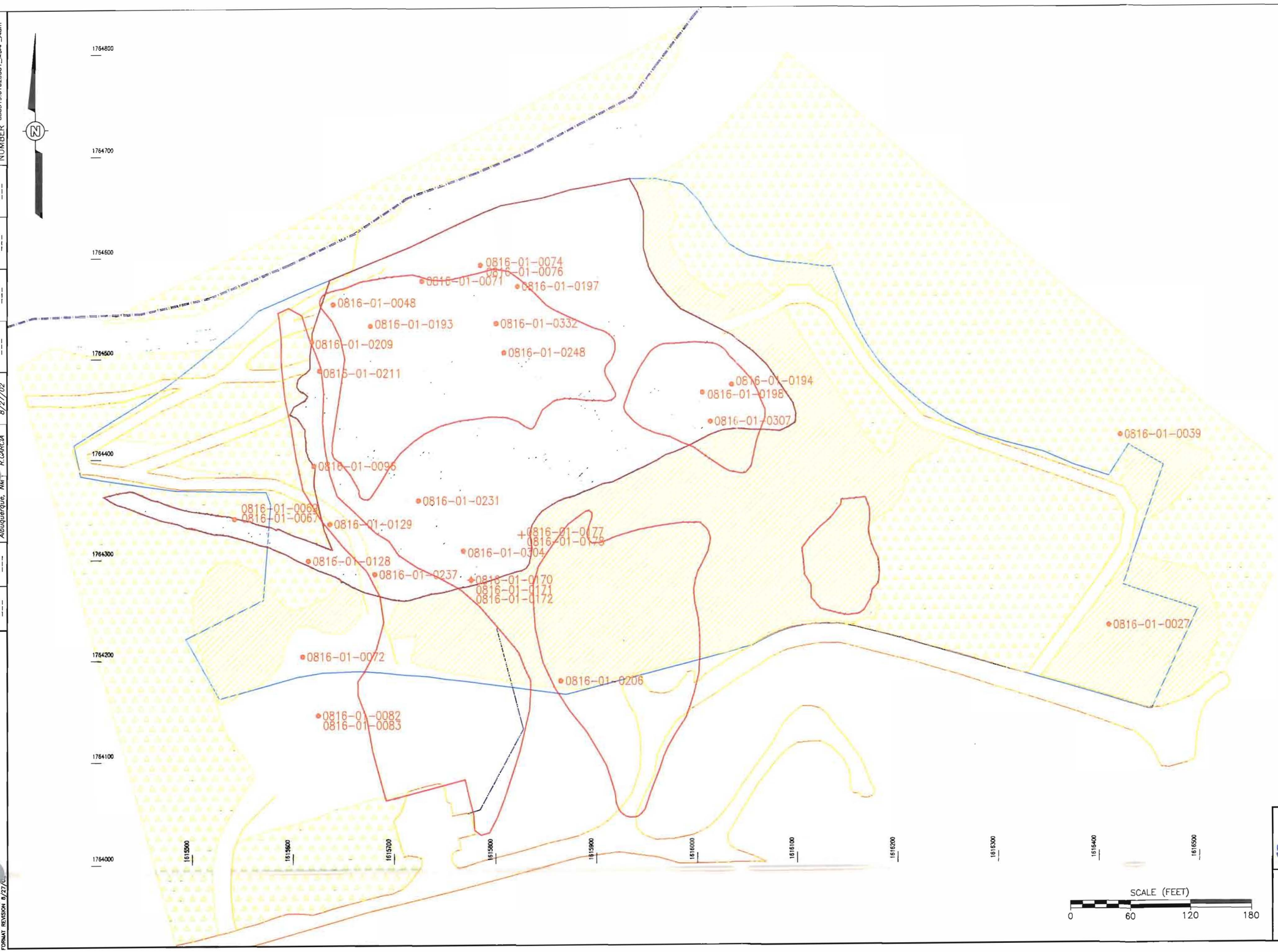
Figure 3.1-1
MDA P Area Phase II confirmation samples

DRAWING NUMBER 838319.01020001_MDAP_BASE
APPROVED BY ---
CHECKED BY ---
DRAWN BY Z. Carpio 8/26/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

PLOT DATE: 8/28/02
FORMAT REVISION 8/26/02

DRAWING NUMBER 838319.0102D001_MDAP_Alum
APPROVED BY ---
CHECKED BY ---
DRAWN BY R.GARCIA 8/27/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

PLOT DATE: 8/27/02
FORMAT REVISION 8/27/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- •0816-01-0161 SAMPLE ID NUMBER TUFF IN UPPER 5' (DETECTION)
- +0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5' (DETECTION)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0027	14400.00
0816-01-0039	10200.00
0816-01-0048	7870.00
0816-01-0067	12100.00
0816-01-0069	10400.00
0816-01-0071	8450.00
0816-01-0072	13300.00
0816-01-0074	9020.00
0816-01-0076	9780.00
0816-01-0082	32700.00
0816-01-0083	17400.00
0816-01-0096	8350.00
0816-01-0128	10400.00
0816-01-0129	9740.00
0816-01-0170	11800.00
0816-01-0171	13500.00
0816-01-0172	28100.00
0816-01-0177	15200.00
0816-01-0178	11000.00
0816-01-0193	9910.00
0816-01-0194	13500.00
0816-01-0197	7610.00
0816-01-0198	7560.00
0816-01-0206	8540.00
0816-01-0209	9190.00
0816-01-0211	10400.00
0816-01-0231	12700.00
0816-01-0237	17400.00
0816-01-0248	16800.00
0816-01-0304	13400.00
0816-01-0307	10600.00
0816-01-0332	8370.00

Shaw

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Figure 3.3.2-1
Aluminum samples above background level

DRAWING NUMBER 838319.01C_0001_MDAP_Antimony
APPROVED BY ---
CHECKED BY ---
DRAWN BY R. GARCIA 8/28/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

PLOT DATE: 8/29/02
FORMAT: ROOM 8/29/...

1764800
1764700
1764600
1764500
1764400
1764300
1764200
1764100
1764000

1615500 1615600 1615700 1615800 1615900 1616000 1616100 1616200 1616300 1616400 1616500

0.5

LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- SAMPLE TUFF IN UPPER 5' (DETECTION)
- TUFF SAMPLE IN UPPER 5' (NONDETECTION)
- TUFF SAMPLE BELOW 5' (NONDETECTION)
- 0.5 — CONCENTRATION CONTOUR LINE (mg/kg) (AT INCREASING 0.2 mg/kg INTERVALS)
- 1764000 — NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

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Figure 3.3.2-2
Antimony samples above background level

DRAWING NUMBER	838319.01020001_MDAP_barium
APPROVED BY	---
CHECKED BY	---
DRAWN BY	B/26/02
	Z. Carpio
OFFICE	Albuquerque, NM
X-REF	---
IMAGE	---

PLOT DATE: 8/26/02
FORMAT REVISION 8/26/02

1764800
1764700
1764600
1764500
1764400
1764300
1764200
1764100
1764000

1615500 1615600 1615700 1615800 1615900 1616000 1616100 1616200 1616300 1616400 1616500

600

LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- SOIL SAMPLE IN TOP 5' (DETECTION)
- TUFF SAMPLE IN TOP 5' (DETECTION)
- SAMPLE TUFF BELOW 5' (DETECTION)
- 600 CONCENTRATION CONTOUR LINE (mg/kg) (AT INCREASING 600 mg/kg INTERVALS)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

Shaw

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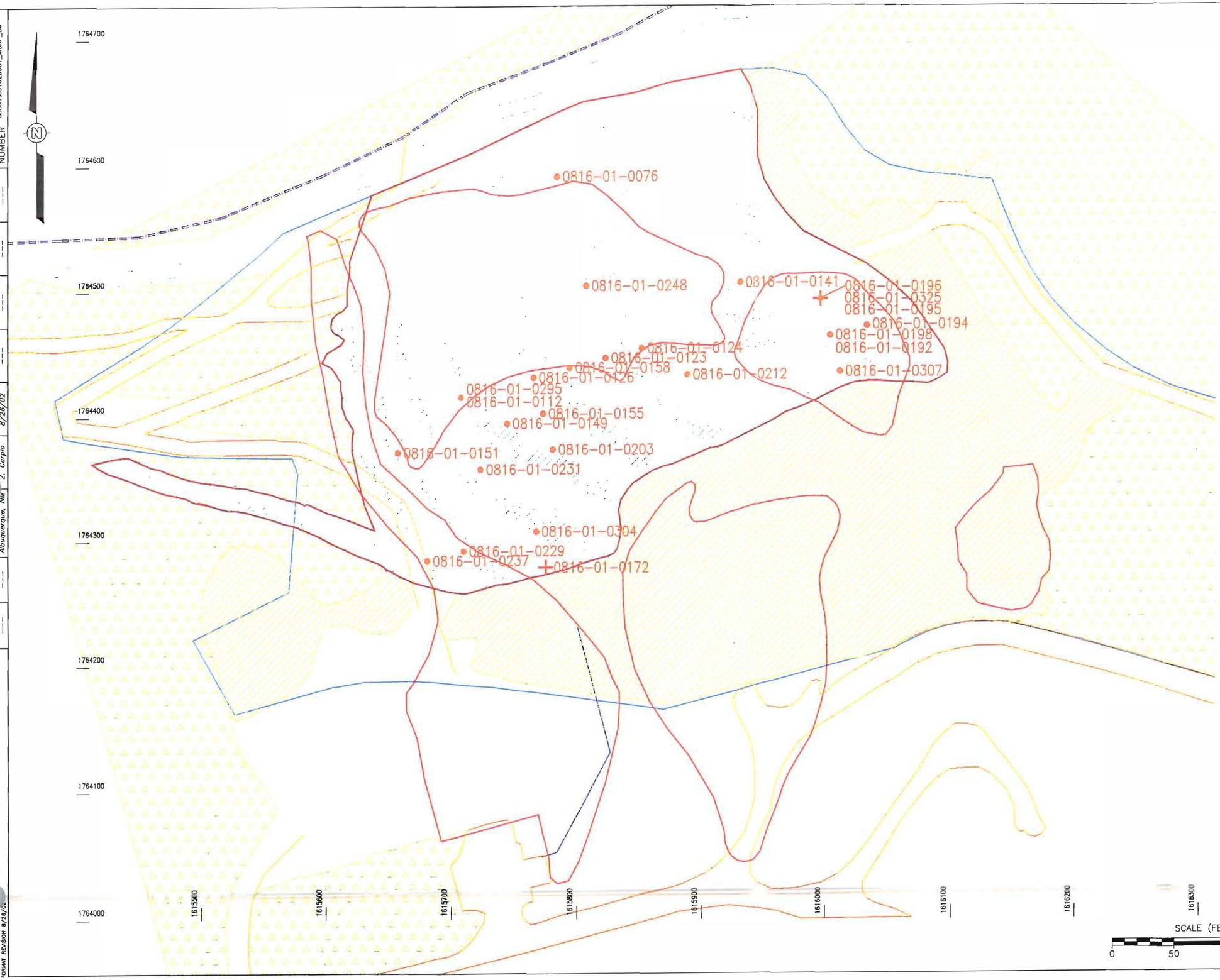
Figure 3.3.2-3
Barium samples above background level



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- •0816-01-0161 SAMPLE ID NUMBER TUFF IN UPPER 5' (DETECTION)
- +0816-01-0195 SAMPLE ID NUMBER TUFF BELOW 5' (DETECTION)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0076	1.3
0816-01-0112	1.9
0816-01-0123	1.4
0816-01-0124	1.7
0816-01-0126	1.4
0816-01-0141	2.2
0816-01-0149	3.1
0816-01-0151	1.6
0816-01-0155	2.4
0816-01-0158	2
0816-01-0172	1.4
0816-01-0192	1.7
0816-01-0194	2
0816-01-0195	1.4
0816-01-0196	1.4
0816-01-0198	1.4
0816-01-0203	1.3
0816-01-0212	1.9
0816-01-0229	1.6
0816-01-0231	3.1
0816-01-0237	2.4
0816-01-0248	1.3
0816-01-0295	1.8
0816-01-0304	3.3
0816-01-0307	1.4
0816-01-0325	1.3

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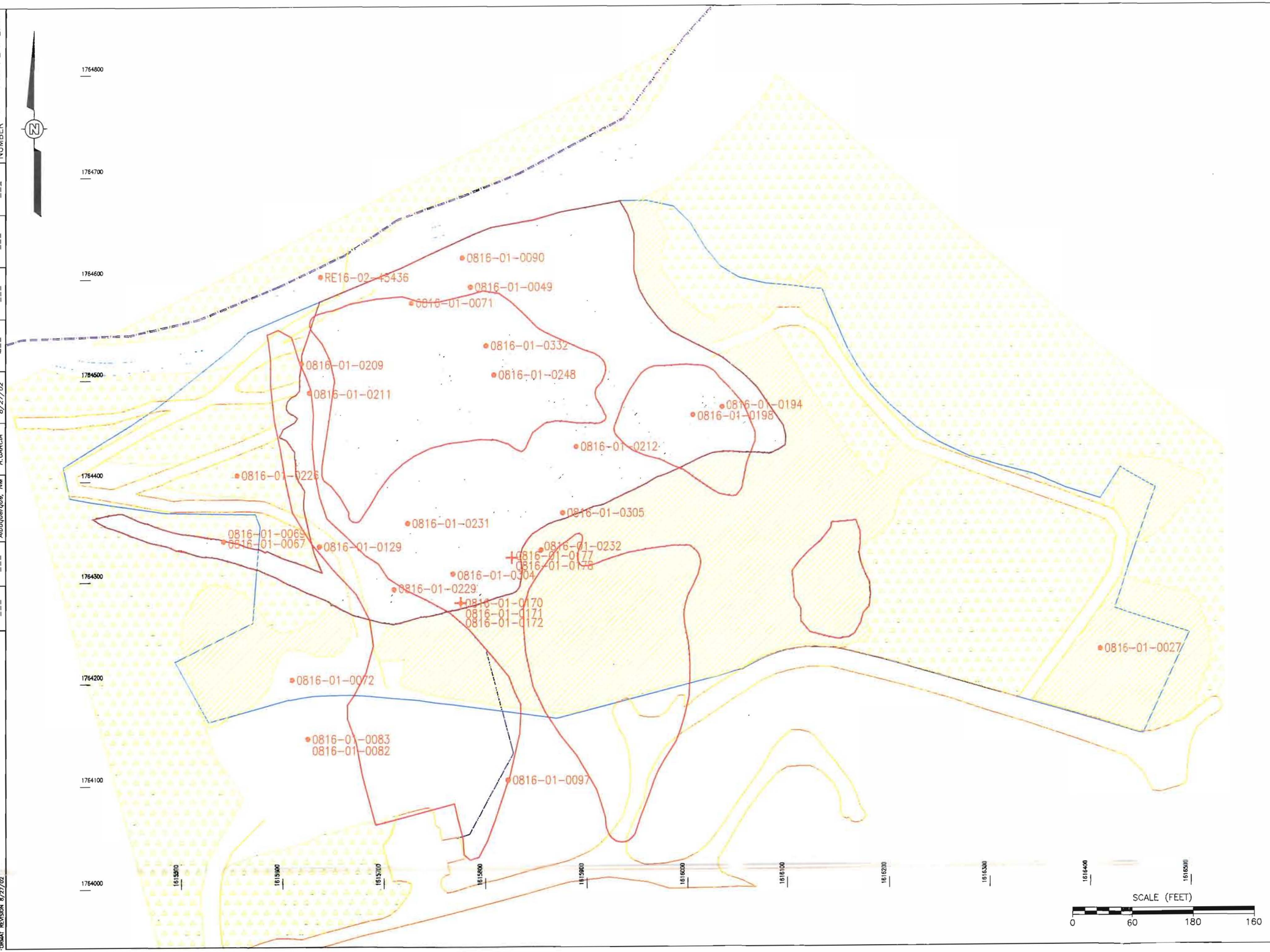
Figure 3.3.2-4
Beryllium samples above background level

DRAWING NUMBER	8.38319.01020001_MDAP_Be				
APPROVED BY	---				
CHECKED BY	---				
DRAWN BY	Z. Corpio	8/26/02			
OFFICE	Albuquerque, NM				
X-REF	---				
IMAGE	---				

PLOT DATE: 8/28/02
FORMAT REVISION: 8/26/02



Sample ID	Sample Concentration (mg/kg)
0816-01-0027	7.9
0816-01-0049	8.90
0816-01-0067	9.30
0816-01-0069	8.10
0816-01-0071	8
0816-01-0072	12.1
0816-01-0082	15.6
0816-01-0083	10
0816-01-0090	17.4
0816-01-0097	8.2
0816-01-0129	7.90
0816-01-0170	8.5 (J)
0816-01-0171	10.4 (J)
0816-01-0172	18.7 (J)
0816-01-0177	10.1 (J)
0816-01-0178	7.3 (J)
0816-01-0194	9.1
0816-01-0198	9.3
0816-01-0209	7.60
0816-01-0211	8.20
0816-01-0212	9.50
0816-01-0226	7.3 (J)
0816-01-0229	7.5 (J)
0816-01-0231	8 (J)
0816-01-0232	10.10 (J)
0816-01-0237	9.2
0816-01-0248	10.8
0816-01-0304	14.4
0816-01-0305	11.9
0816-01-0332	8.1
RE16-02-45436	7.5

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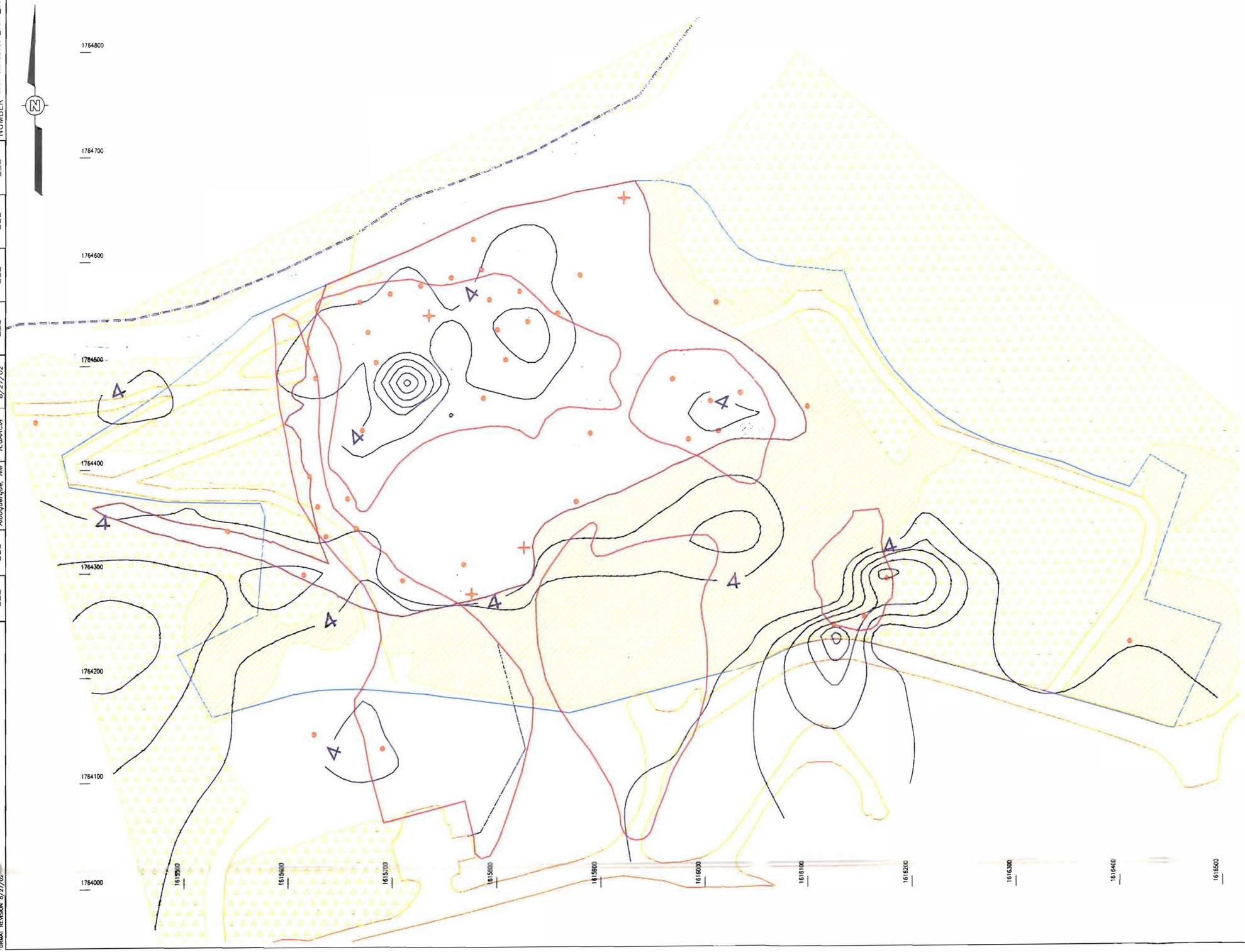
Figure 3.3.2-5
Chromium samples above background level

DRAWN BY	R.GARCIA	8/27/02	
CHECKED BY	---	---	
APPROVED BY	---	---	
DRAWING NUMBER	838319.0102D001_MDAP_CHROM		
OFFICE	Albuquerque, NM		
X-REF	---		
IMAGE	---		

PLOT DATE: 8/27/02
FORMAT REVISION 8/27/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- TUFF SAMPLE IN UPPER 5' (DETECTION)
- TUFF SAMPLE BELOW 5' (DETECTION)
- 4 — CONCENTRATION CONTOUR LINE (mg/kg) (AT INCREASING 3 mg/kg INTERVALS)
- 1764000 — NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

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Figure 3.3.2-6
Cobalt samples above background level

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE
838319.01020001_MDAP_COBALT	---	---	R.GARCIA 8/27/02	Albuquerque, NM

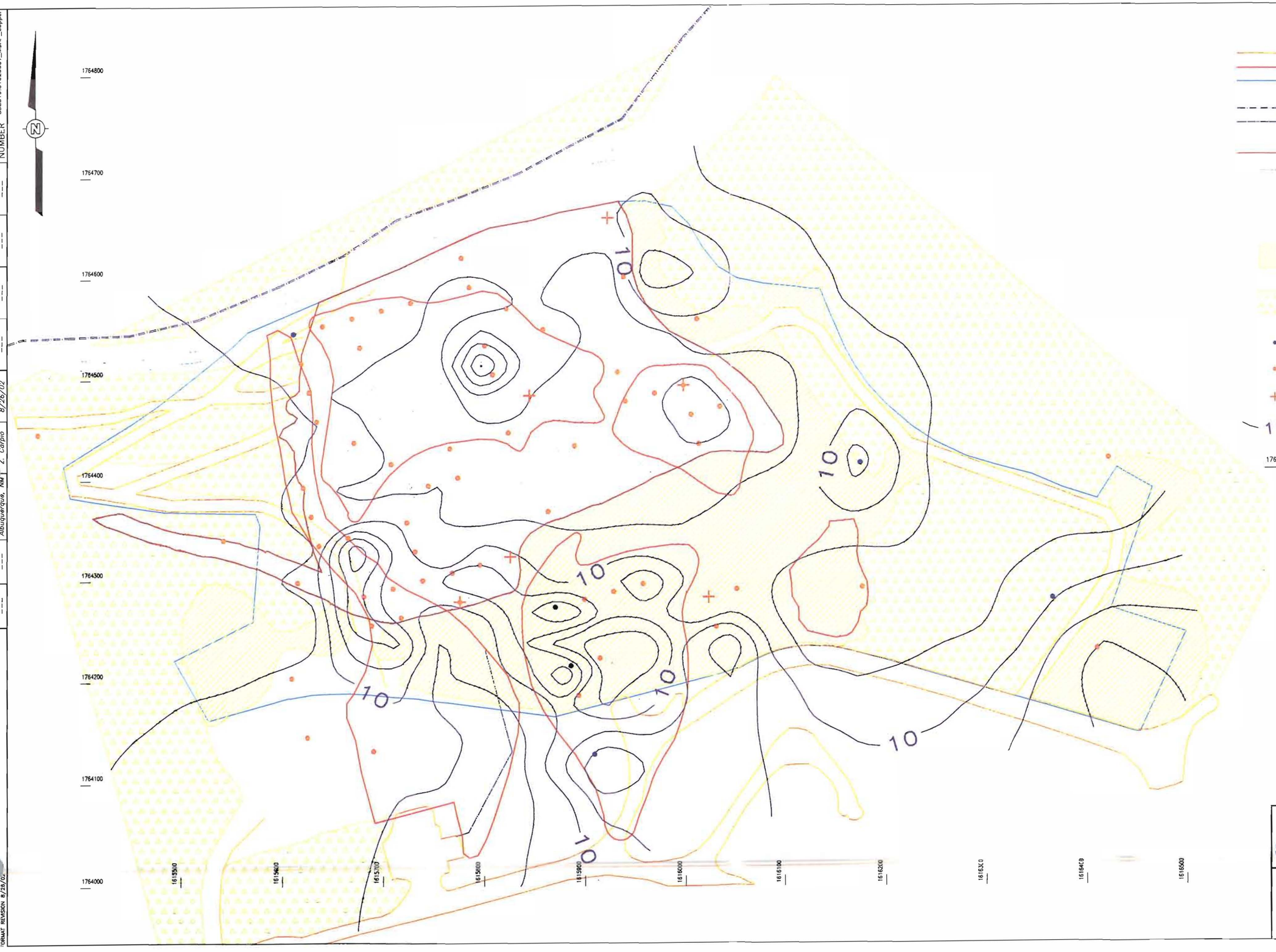
IMAGE	X-REF
---	---

PLOT DATE: 8/27/02
FORMAT REVISION: 8/27/02

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE
838319.01020001_MDAP_copper	---	---	8/26/02	Albuquerque, NM
	---	---	Z. Carpio	
	---	---		

IMAGE	X-REF
---	---

PLOT DATE: 8/26/02
DRAWING REVISION: 8/28/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- SOIL SAMPLE IN UPPER 5' (DETECTION)
- TUFF SAMPLE IN UPPER 5' (DETECTION)
- TUFF SAMPLE BELOW 5' (DETECTION)
- 10 — CONCENTRATION CONTOUR LINE (mg/kg) (IN INCREASING 5 mg/kg INTERVALS)
- 1764000 — NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

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Figure 3.3.2-7
Copper samples above background level

DRAWING NUMBER 838319.01U0001_MDAP_IRON
APPROVED BY ---
CHECKED BY ---
DRAWN BY R.GARCIA 8/27/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

1764600
1764500
1764400
1764300
1764200
1764100
1764000

1615600 1615700 1615800 1615900 1616000 1616100 1616200 1616300 1616400 1616500

0816-01-0248
0816-01-0194
0816-01-0192
0816-01-0198
0816-01-0212
0816-01-0307
0816-01-0305
0816-01-0177
0816-01-0304
0816-01-0237
0816-01-0172
0816-01-0170
0816-01-0027
0816-01-0072
0816-01-0083
0816-01-0082
0816-01-0027

LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- 0816-01-0161 SAMPLE ID NUMBER TUFF IN UPPER 5' (DETECTION)
- +0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5' (DETECTION)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0170	16300 (J)
0816-01-0027	15300
0816-01-0072	17200
0816-01-0082	22500
0816-01-0083	16900
0816-01-0172	16100 (J)
0816-01-0177	15300 (J)
0816-01-0192	18100
0816-01-0194	17900
0816-01-0198	20600
0816-01-0212	14600
0816-01-0237	15800
0816-01-0248	14800
0816-01-0304	17900
0816-01-0305	14900
0816-01-0307	19000

SCALE (FEET)
0 50 100 150

Shaw

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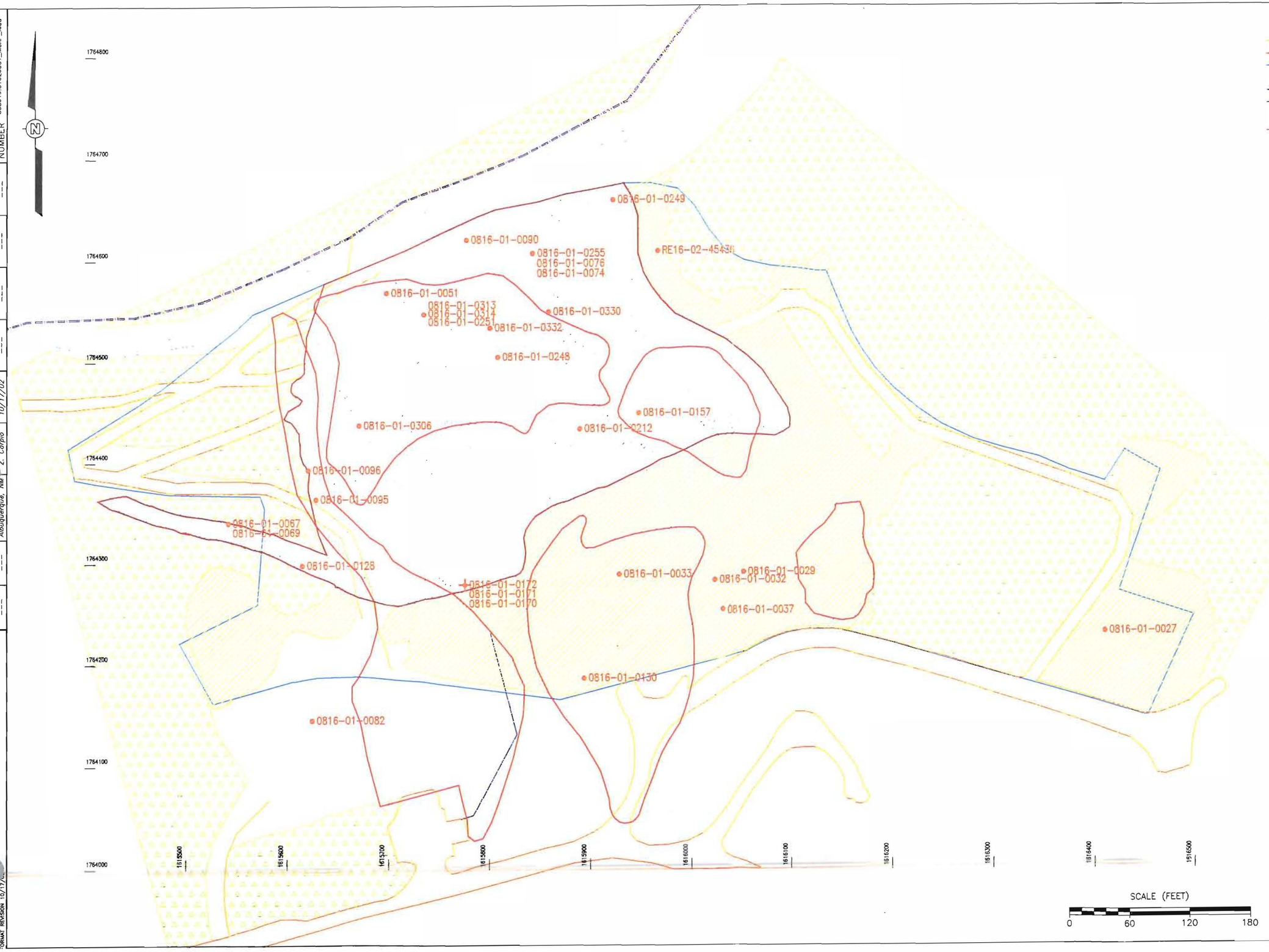
Figure 3.3.2-8
Iron samples above background level

PLOT DATE: 8/29/02
PENMAP TRANSFORM 8/29/

DRAWING NUMBER	838319.01020001_WOAP_lead	
APPROVED BY	---	
CHECKED BY	---	
DRAWN BY	Z. Carpio	10/17/02
OFFICE	Albuquerque, NM	
X-REF	---	
IMAGE	---	

PLOT DATE: 10/17/02
DRAWING REVISION: 10/17/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- •0816-01-0161 SAMPLE ID NUMBER TUFF IN UPPER 5' (DETECTION)
- +0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5' (DETECTION)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

0816-01-0027	24.20
0816-01-0029	19.40
0816-01-0032	13.20
0816-01-0033	22.20
0816-01-0037	23.50
0816-01-0051	12.8
0816-01-0067	13.5
0816-01-0069	144
0816-01-0074	12.5
0816-01-0076	11.6
0816-01-0082	19.70
0816-01-0090	25.4
0816-01-0095	18.3
0816-01-0096	33.3
0816-01-0128	13.8
0816-01-0130	13.50
0816-01-0157	12.4
0816-01-0170	16.9
0816-01-0171	22.9
0816-01-0172	13.7
0816-01-0212	19.0
0816-01-0248	26.5
0816-01-0249	20.6
0816-01-0251	12.0
0816-01-0255	11.6
0816-01-0306	12.6
0816-01-0313	22.4
0816-01-0314	20.4
0816-01-0330	21.3
0816-01-0332	38.9
0816-01-0352	12.00
RE16-02-45436	24.10

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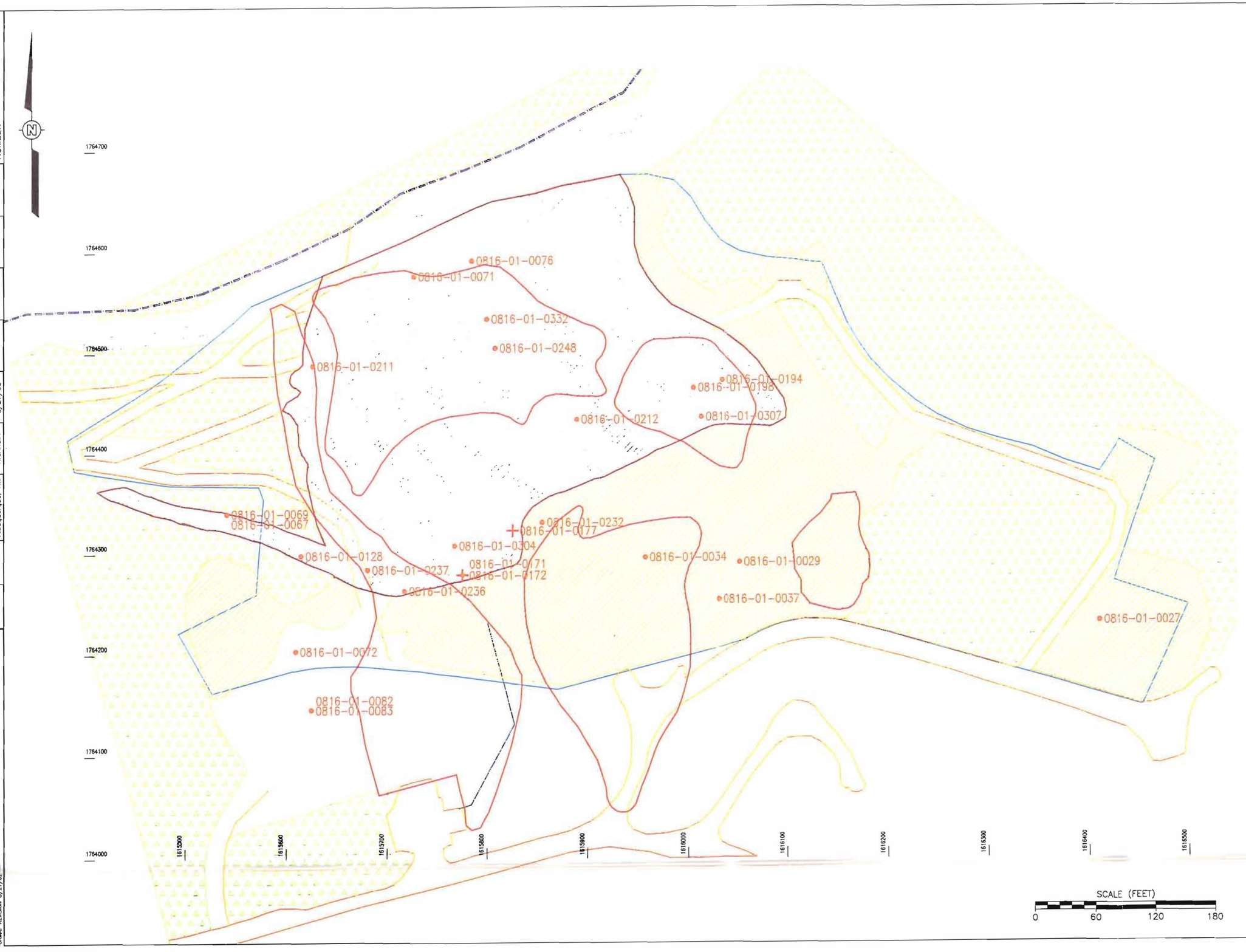
Figure 3.3.2-9
Lead samples above background level

DRAWING NUMBER 838319.01U20001_MDAP_NICKEL
APPROVED BY ---
CHECKED BY ---
DRAWN BY R.GARCIA 8/27/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

PLOT DATE: 8/27/02
FORMAT REVISION: 8/27/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- •0816-01-0161 SAMPLE ID NUMBER TUFF IN UPPER 5' (DETECTION)
- +0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5' (DETECTION)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0027	10.3
0816-01-0029	7.2
0816-01-0034	7.3
0816-01-0037	8.9
0816-01-0067	8.50
0816-01-0069	8.40
0816-01-0071	7.5
0816-01-0072	11.3
0816-01-0076	10.5
0816-01-0082	12.6
0816-01-0083	8.3
0816-01-0128	7.2
0816-01-0171	7.3
0816-01-0172	13.2
0816-01-0177	8.8
0816-01-0194	6.6
0816-01-0198	8.7
0816-01-0211	7.40
0816-01-0212	8.20
0816-01-0232	8.8
0816-01-0236	8.8
0816-01-0237	11.2
0816-01-0248	9.3
0816-01-0304	9.1
0816-01-0307	6.6
0816-01-0332	12.5

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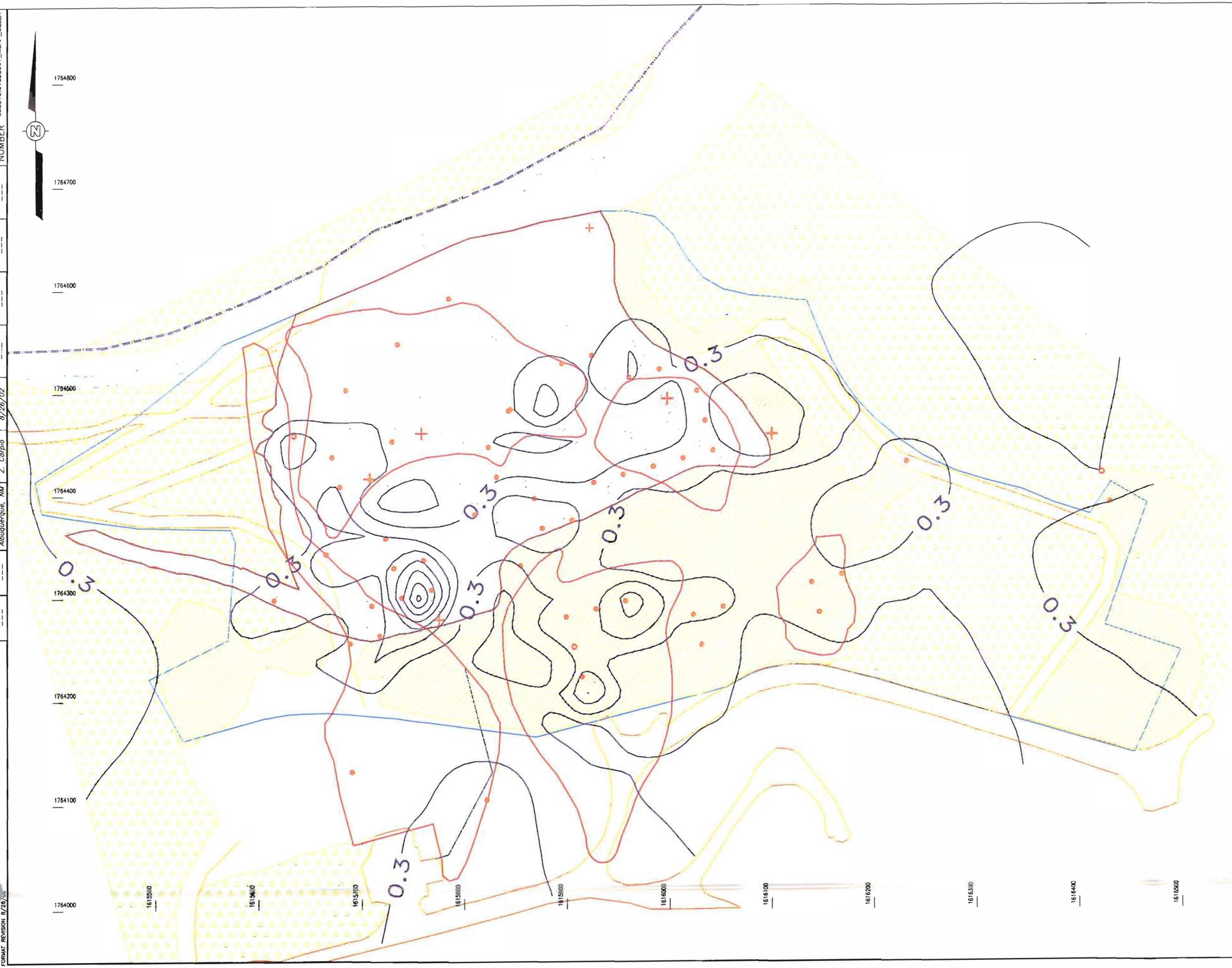
Figure 3.3.2-10
Nickel samples above background level

DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
Z. Corpio 8/26/02	---	---	838319.01020001_MDAP_SELEN

IMAGE	X-REF	OFFICE
---	---	Albuquerque, NM

PLOT DATE: 8/26/02
FORMAT REVISION 8/26/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- TUFF SAMPLE IN TOP 5' (DETECTION)
- TUFF SAMPLE IN TOP 5' (NONDETECTION)
- TUFF SAMPLE BELOW 5' (DETECTION)
- 0.3 — CONCENTRATION CONTOUR LINE (mg/kg) (IN INCREASING 0.1 mg/kg INTERVALS)
- 1764000 — NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

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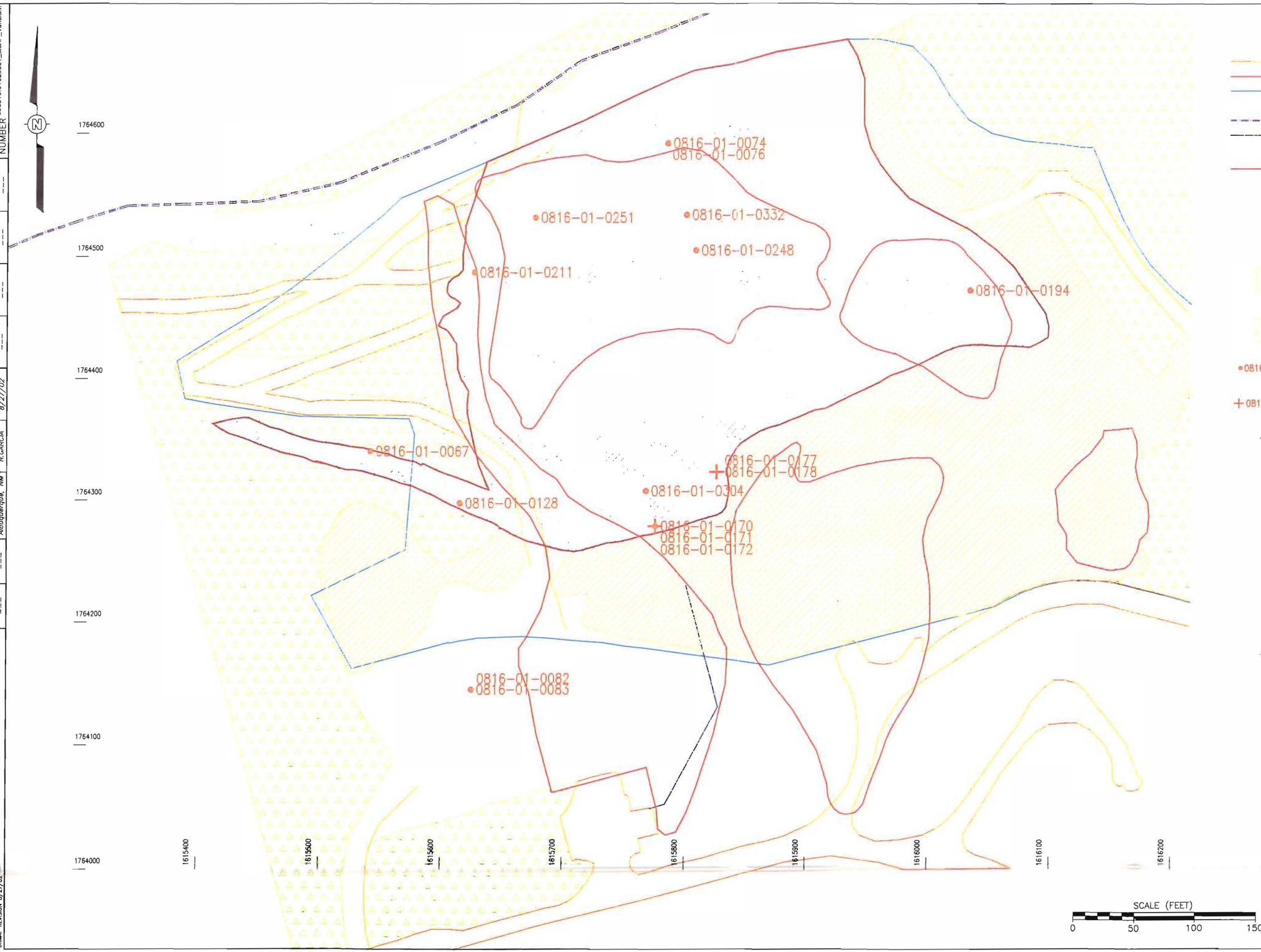
Figure 3.3.2-11
Selenium samples above background level

DRAWING NUMBER 838319.0102.0001_MDAP_Vanadium
APPROVED BY ---
CHECKED BY ---
DRAWN BY R.GARCIA 8/27/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

PLOT DATE: 8/27/02
FORMAT REVISION 8/27/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- 0816-01-0161 SAMPLE ID NUMBER TUFF IN UPPER 5' (DETECTION)
- + 0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5' (DETECTION)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0067	19.40
0816-01-0074	18.1
0816-01-0076	20.2
0816-01-0082	26.4
0816-01-0083	18.2
0816-01-0128	20.4
0816-01-0170	24.70 (J-)
0816-01-0171	23.2 (J-)
0816-01-0172	36.7
0816-01-0177	20.9 (J-)
0816-01-0178	17.7 (J-)
0816-01-0194	18
0816-01-0211	22.20
0816-01-0248	24.7
0816-01-0251	17.2
0816-01-0304	21.9
0816-01-0332	20.3

SCALE (FEET)
0 50 100 150

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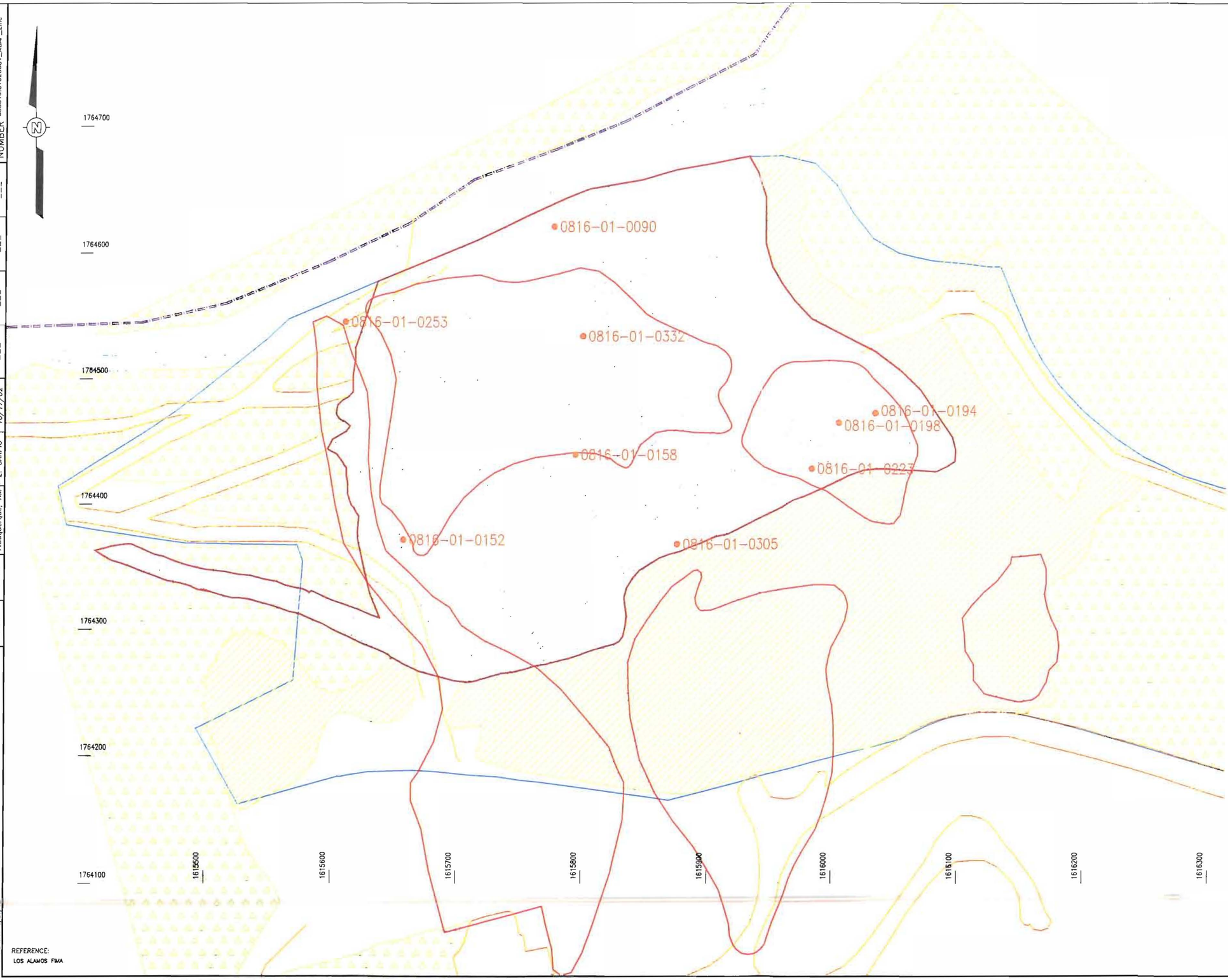
Figure 3.3.2-12
Vanadium samples above background level



Sample ID	Sample Concentration (mg/kg)
0816-01-0090	65.00
0816-01-0152	85.10
0816-01-0158	65.10
0816-01-0194	66.10
0816-01-0198	89.00
0816-01-0223	70.70
0816-01-0253	912.00
0816-01-0305	65.60
0816-01-0332	118.00

SCALE (FEET)
0 50 100 150

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Figure 3.3.2-13
Zinc samples above background level

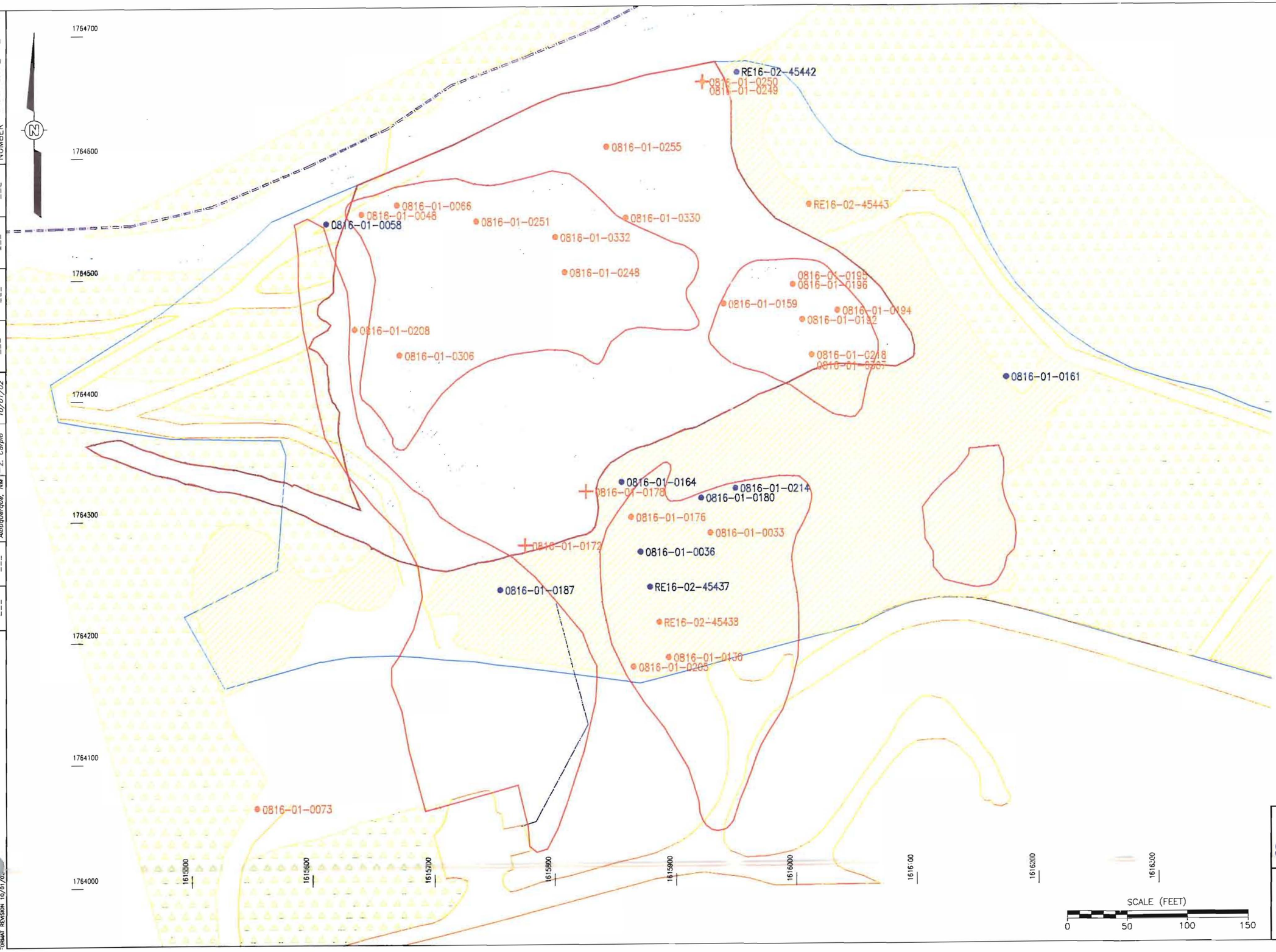
REFERENCE:
LOS ALAMOS FIMA

DRAWING NUMBER	838319.01020001_MDAP_Zinc
APPROVED BY	---
CHECKED BY	---
DRAWN BY	Z. CARPIO 10/17/02
OFFICE	Albuquerque, NM
X-REF	---
IMAGE	---

PLOT DATE: 8/27/02
FORMAT: P:\SOW 8/27/02

DRAWING NUMBER 838319 01020001_MDAP_amino26
APPROVED BY ---
CHECKED BY ---
DRAWN BY Z. Carpio 10/01/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

PLOT DATE: 10/01/02
FORMAT REVISION 10/01/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- 0816-01-0195 SAMPLE ID NUMBER SOIL IN TOP 5'
- 0816-01-0161 SAMPLE ID NUMBER TUFF IN TOP 5'
- 0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5'
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0033	0.620
0816-01-0036	0.180
0816-01-0048	0.078 (J)
0816-01-0058	0.230
0816-01-0066	0.049 (J)
0816-01-0073	0.150
0816-01-0130	0.300
0816-01-0159	0.094 (J)
0816-01-0161	0.420
0816-01-0164	0.063
0816-01-0172	0.055 (J)
0816-01-0176	0.071
0816-01-0178	0.11 (J)
0816-01-0180	0.290
0816-01-0187	0.069
0816-01-0192	0.14 (J)
0816-01-0194	0.099 (J)
0816-01-0195	0.16 (J)
0816-01-0196	0.054 (J)
0816-01-0205	0.150
0816-01-0208	0.096 (J)
0816-01-0214	0.110
0816-01-0218	0.23 (J)
0816-01-0248	0.44
0816-01-0249	0.20
0816-01-0250	0.11
0816-01-0251	0.09
0816-01-0255	0.31
0816-01-0306	0.12
0816-01-0307	0.55
0816-01-0330	0.16
0816-01-0332	0.09
RE16-02-45437	0.088
RE16-02-45438	0.840
RE16-02-45438	0.980
RE16-02-45442	0.150
RE16-02-45443	0.110

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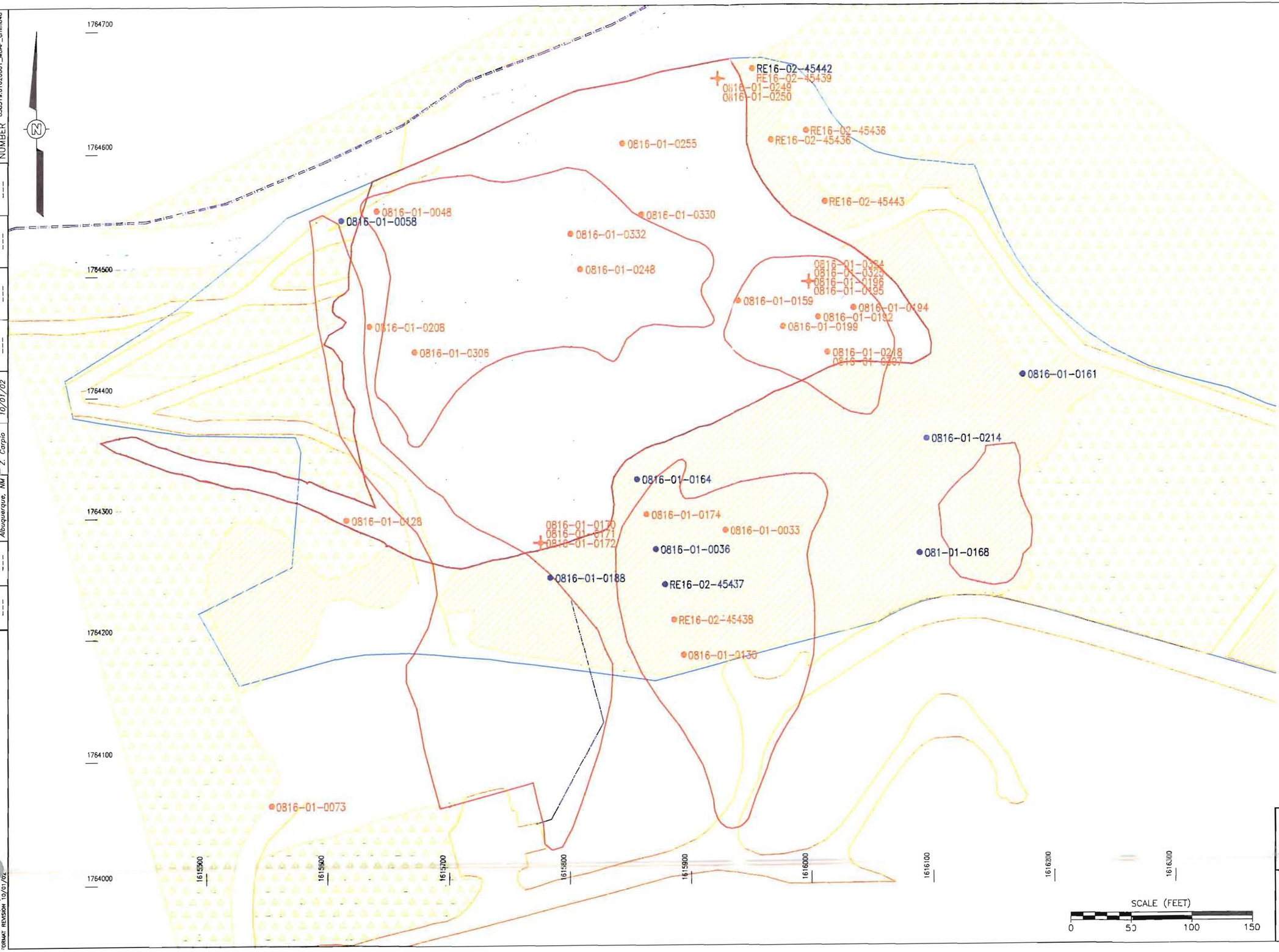
Figure 3.3.2-14
Amino-2,6-Dinitrotoluene [4-] detected samples

DRAWING NUMBER 838319.010.wd01_MDAP_amine46
APPROVED BY ---
CHECKED BY ---
DRAWN BY Z. Carpio 10/01/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---
PLOT DATE: 10/01/02
FORMAT REVISION 10/01/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- 0816-01-0195 SAMPLE ID NUMBER SOIL IN TOP 5'
- 0816-01-0161 SAMPLE ID NUMBER TUFF IN TOP 5'
- 0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5'
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0033	0.820
0816-01-0036	0.120
0816-01-0048	0.057 (J)
0816-01-0058	0.210
0816-01-0073	0.110
0816-01-0128	0.062 (J)
0816-01-0130	0.300
0816-01-0159	0.071 (J)
0816-01-0161	0.320
0816-01-0164	0.700
0816-01-0168	0.066
0816-01-0170	0.81
0816-01-0171	0.048 (J)
0816-01-0172	0.054 (J)
0816-01-0174	0.190
0816-01-0188	0.044
0816-01-0192	0.082 (J)
0816-01-0194	0.087 (J)
0816-01-0195	0.17 (J)
0816-01-0196	0.042 (J)
0816-01-0199	0.056 (J)
0816-01-0208	0.080 (J)
0816-01-0214	0.130
0816-01-0218	0.18 (J)
0816-01-0248	0.52
0816-01-0249	0.20
0816-01-0250	0.11
0816-01-0255	0.36
0816-01-0306	0.09
0816-01-0307	0.88
0816-01-0324	0.061 (J)
0816-01-0325	0.048 (J)
0816-01-0330	0.18
0816-01-0332	0.08
RE16-02-45436	0.190
RE16-02-45436	0.200
RE16-02-45437	0.074
RE16-02-45438	0.920
RE16-02-45436	1.100
RE16-02-45439	0.250
RE16-02-45442	0.100
RE16-02-45443	0.087

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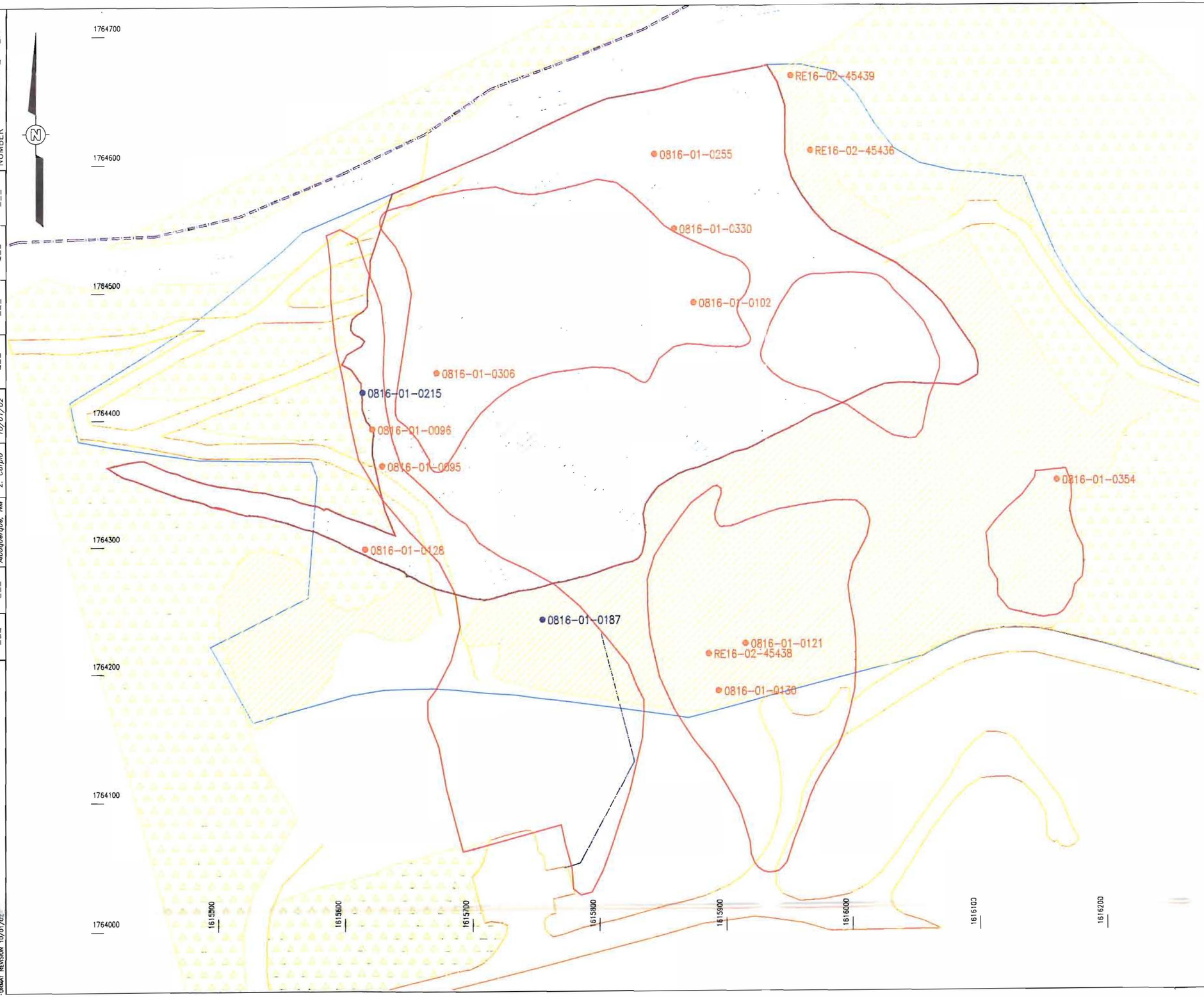
Figure 3.3.2-15
Amino-4,6-Dinitrotoluene [2-] detected samples

DRAWING NUMBER 838319.0102D001_MDAP_bis
APPROVED BY ---
CHECKED BY ---
DRAWN BY 10/01/02
Z. Corpio
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---

PLOT DATE: 10/01/02
DRAWING REVISION 10/01/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- 0816-01-0195 SAMPLE ID NUMBER SOIL IN TOP 5'
- 0816-01-0161 SAMPLE ID NUMBER TUFF IN TOP 5'
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0095	0.080 (J)
0816-01-0096	0.62
0816-01-0102	0.110 (J)
0816-01-0121	0.210
0816-01-0128	0.099 (J)
0816-01-0130	0.160
0816-01-0187	0.170
0816-01-0215	0.210
0816-01-0255	0.53
0816-01-0306	0.120 (J)
0816-01-0330	0.100 (J)
0816-01-0354	0.160
RE16-02-45436	0.110
RE16-02-45438	0.280
RE16-02-45439	0.120

SCALE (FEET)
0 50 100 150

Shaw

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LOS ALAMOS, NEW MEXICO

Figure 3.3.2-16
Bis(2-Ethylhexyl)phthalate

IMAGE	---	DRAWING NUMBER	838319.01020001_MDAP_HMX		
X-REF	---	APPROVED BY	---		
OFFICE	Albuquerque, NM	CHECKED BY	---		
DRAWN BY	Z. Carpio	8/26/02			

PLOT DATE: 8/26/02
FRAME VERSION: 8/28/02

1764700
1764600
1764500
1764400
1764300
1764200
1764100
1764000
1763900

1615400 1615500 1615600 1615700 1615800 1615900 1616000 1616100 1616200 1616300 1616400

LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE AND NUMBER (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- SOIL SAMPLE IN TOP 5'
- TUFF SAMPLE IN TOP 5'
- TUFF SAMPLE BELOW 5'
- 1 CONCENTRATION CONTOUR LINE (mg/kg) (IN INCREASING 2 mg/kg INTERVALS)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

Shaw

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Figure 3.3.2-17
HMX detected samples

DRAWING NUMBER	838319.01020001_MDAP_RDX		
APPROVED BY	---		
CHECKED BY	---		
DRAWN BY	Z. Carpio	8/26/02	
OFFICE	Albuquerque, NM		
X-REF	---		
IMAGE	---		

PLOT DATE: 8/29/02
FRAME: HORIZON 8/28/02

1764700
1764600
1764500
1764400
1764300
1764200
1764100
1764000
1763900

1615400 1615500 1615600 1615700 1615800 1615900 1616000 1616100 1616200 1616300 1616400

LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE AND NUMBER (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- SOIL SAMPLE IN TOP 5'
- TUFF SAMPLE IN TOP 5'
- TUFF SAMPLE BELOW 5'
- 2 CONCENTRATION CONTOUR LINE (mg/kg) (IN INCREASING 4 mg/kg INTERVALS)
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

Shaw

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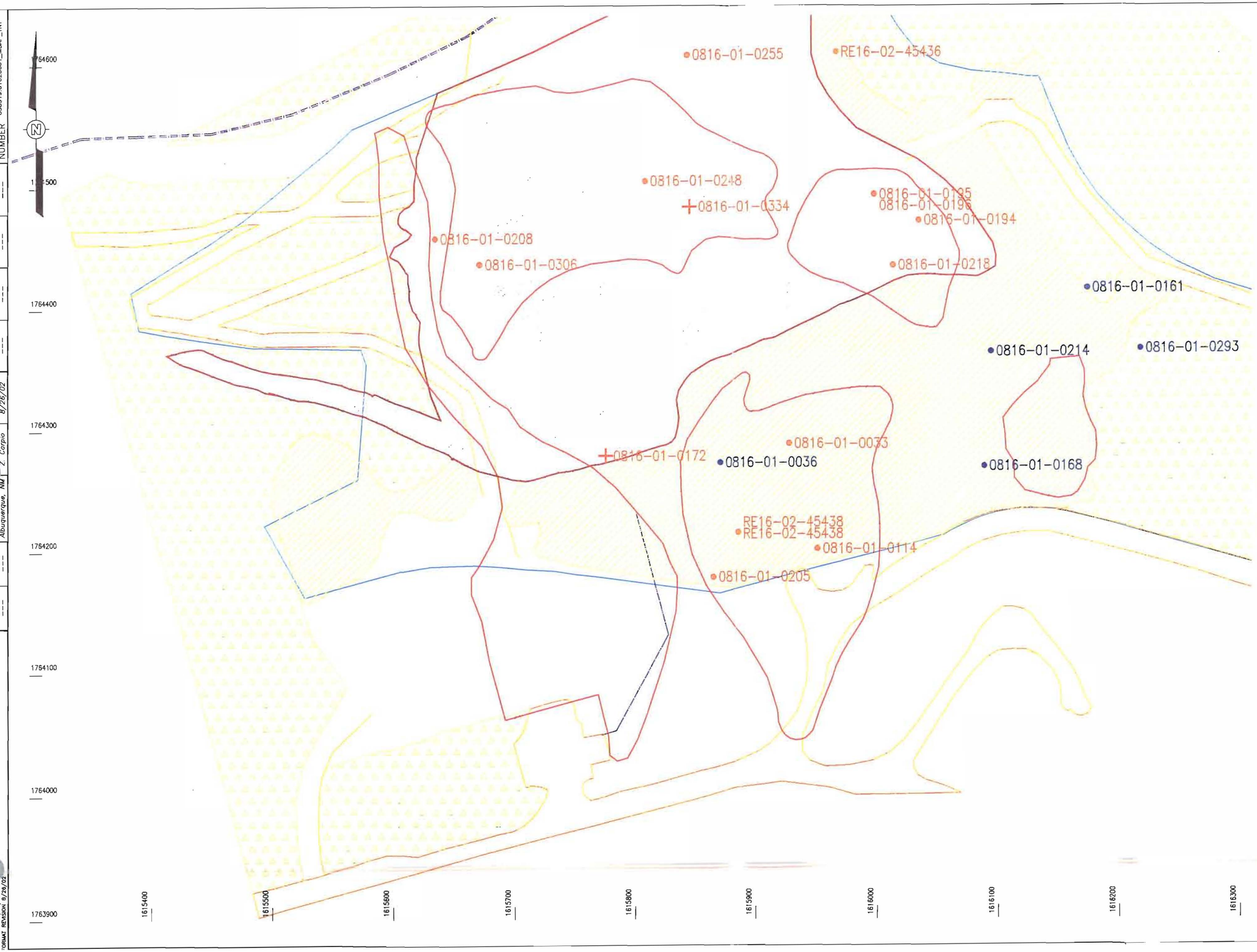
LOS ALAMOS, NEW MEXICO

Figure 3.3.2-18
RDX detected samples



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA-P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- EXPOSED TUFF
- SAMPLE GRID SQUARE (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- •0816-01-0195 SAMPLE ID NUMBER SOIL IN UPPER 5'
- •0816-01-0161 SAMPLE ID NUMBER TUFF IN UPPER 5'
- +0816-01-0161 SAMPLE ID NUMBER TUFF BELOW 5'
- 1764000 NEW MEXICO STATE PLANE SURVEY COORDINATES

Sample ID	Sample Concentration (mg/kg)
0816-01-0033	1.200
0816-01-0036	0.086
0815-01-0114	0.067
0816-01-0161	0.270
0816-01-0168	0.140
0816-01-0172	0.043 (J)
0816-01-0194	0.031 (J)
0816-01-0195	0.48
0816-01-0196	0.029 (J)
0816-01-0205	0.087
0816-01-0208	0.078 (J)
0816-01-0214	0.034
0816-01-0218	0.079 (J)
0816-01-0248	0.13
0816-01-0255	0.16
0816-01-0293	0.300
0816-01-0306	0.12
0816-01-0334	0.041 (J)
RE16-02-45436	0.550
RE16-02-45438	0.380
RE16-02-45438	0.450
RE16-02-45439	1.200

SCALE (FEET)
0 50 100 150

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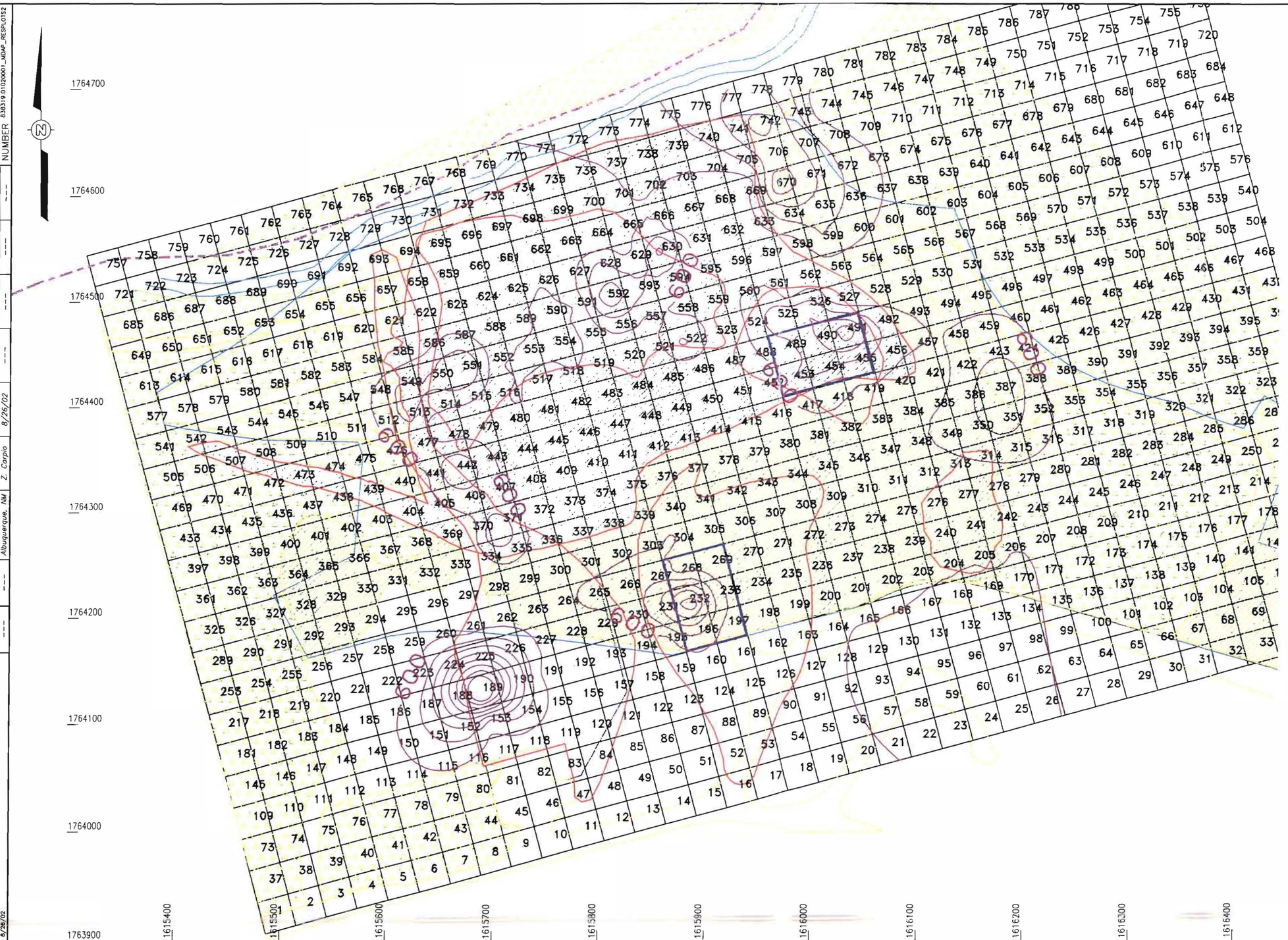
LOS ALAMOS, NEW MEXICO

Figure 3.3.2-19
Trinitrotoluene[2,4,6-]
detected samples

DRAWING NUMBER	383319.01020001_MDAP_TNT
APPROVED BY	---
CHECKED BY	---
DRAWN BY	Z. Corpio 8/26/02
OFFICE	Albuquerque, NM
X-REF	---
IMAGE	---

PLOT DATE: 8/28/02
DRAWING REVISION: 8/28/02



LEGEND

- ROADS
- SWMU/AREA OF CONCERN
- MDA P CLOSURE EXCLUSION ZONE (PHASE I EXCAVATION)
- TA-16 BOUNDARY
- SEWER LINE
- STREAM
- EXPOSED TUFF BOUNDARY
- 5,400 SQ. FT. RESIDENTIAL LOT
- EXPOSED TUFF
- 792 — SAMPLE GRID SQUARE AND NUMBER (30' x 30')
- BIOLOGICAL ZONE (RECLAIMED/UNDISTURBED AREAS)
- BIOLOGICAL ZONE (UNDISTURBED MIXED CONIFER WOODLAND)
- 600 — BARIUM CONCENTRATION CONTOUR LINE (mg/kg) (AT INCREASING 600 mg/kg INTERVALS)
- 1764000 — NEW MEXICO STATE PLANE SURVEY COORDINATES

SCALE (FEET)
0 60 120 180

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FIGURE 4.2.3-1
RESIDENTIAL LOTS (5,400 FT.^{2}) IN THE BIOLOGICAL AND EXPOSED TUFF ZONES
MDA P PHASE II
LOS ALAMOS, NEW MEXICO

DRAWING NUMBER 838319 01026001 _MDAP_RESPLOT52
APPROVED BY ---
CHECKED BY ---
DRAWN BY Z. Carpio 8/26/02
OFFICE Albuquerque, NM
X-REF ---
IMAGE ---
PLOT DATE: 8/26/02
FORMAT REVISION 8/26/02

Figure 5.2.1-1. Down-canyon Profile of
Barium Concentrations for the Overbank Soils

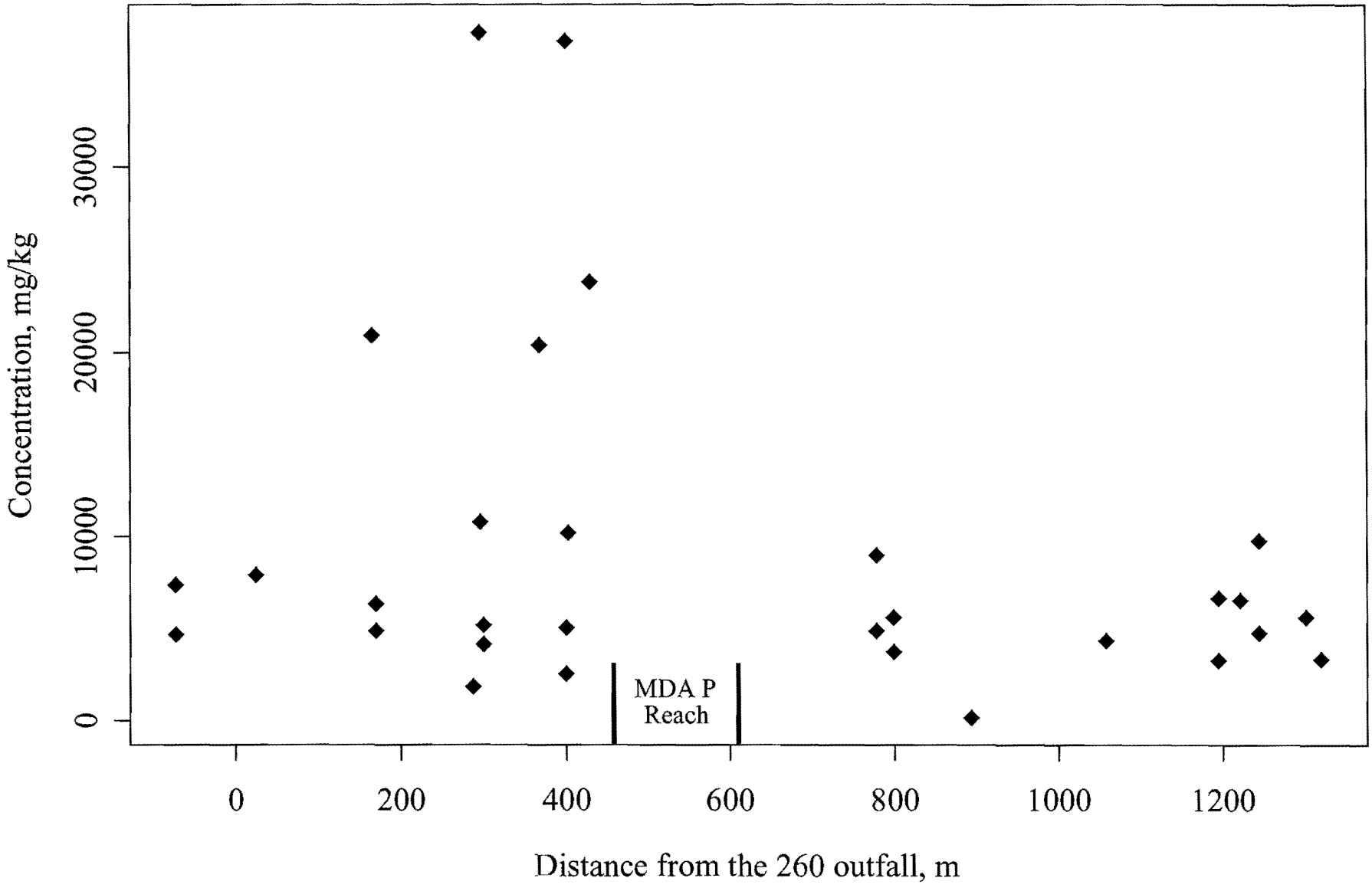


Figure 5.2.1-2. Down-canyon Profile of
Barium Concentrations for the Active Channel Sediments

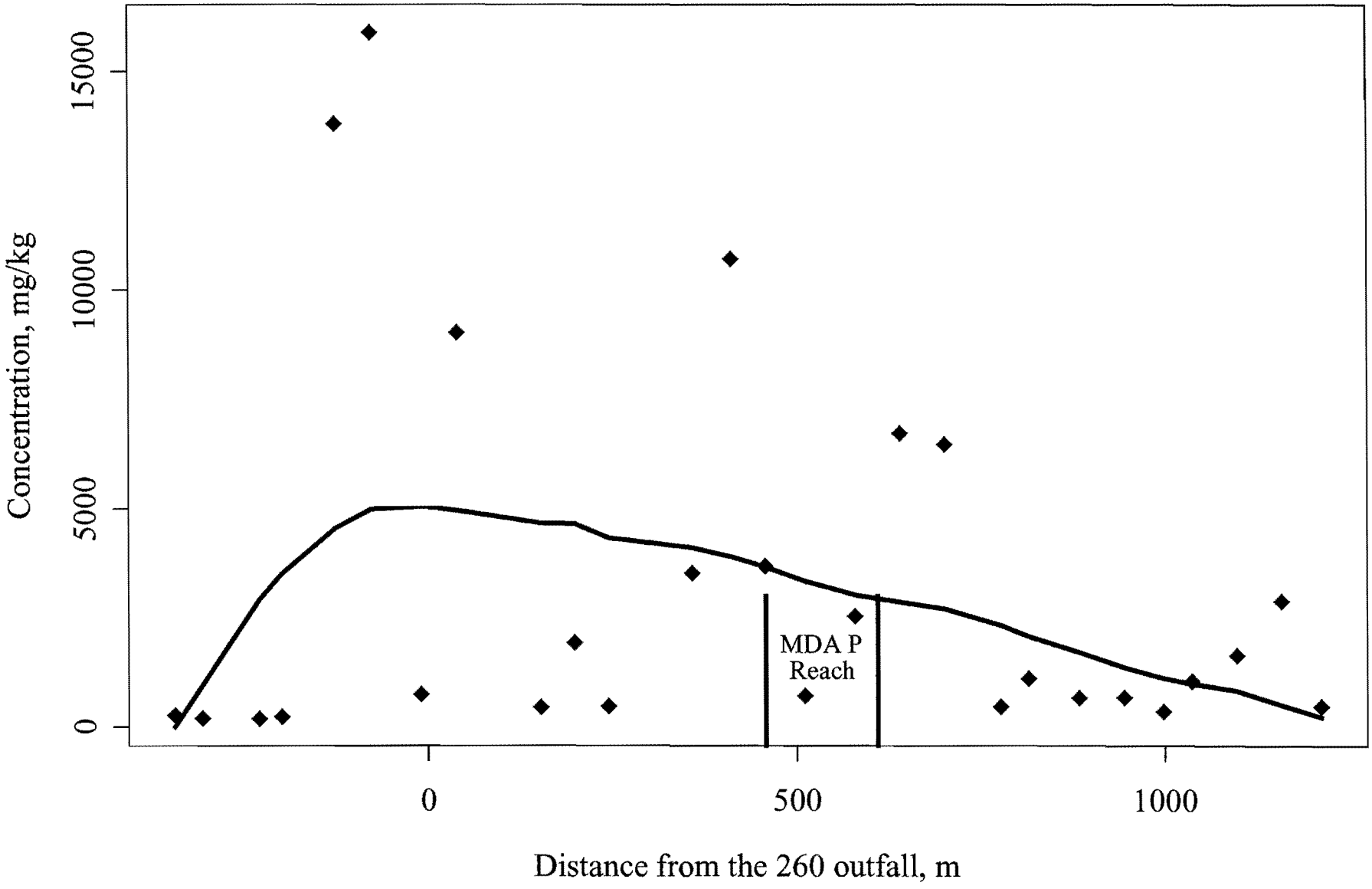


Figure 5.2.2-1

COPEC Concentrations by Geomorphic Feature

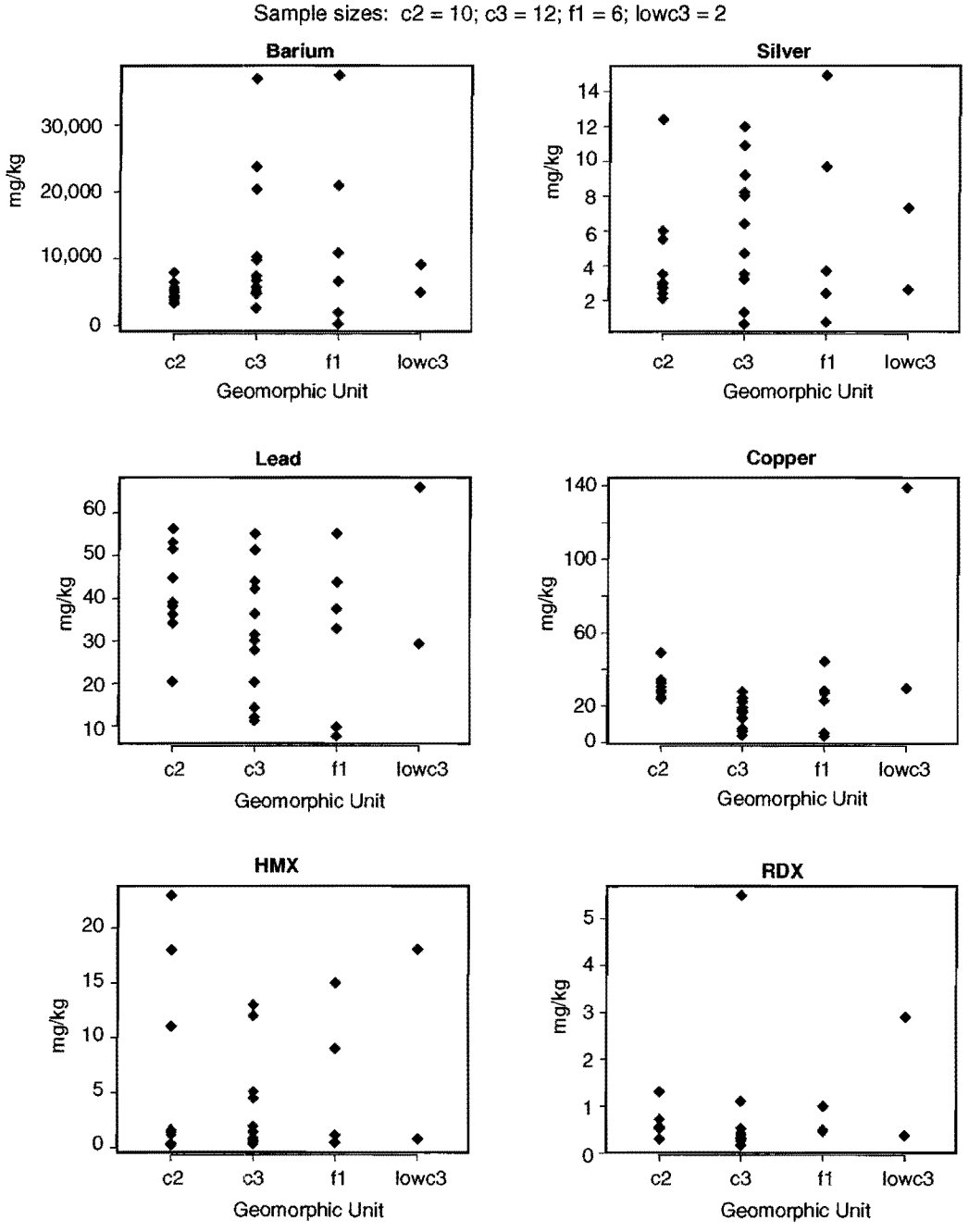


Figure 5.5.1-1

Figure 2. Fall 2001 Brush Mouse Body Weights
by Canyon, Sex, and Reproductive Status

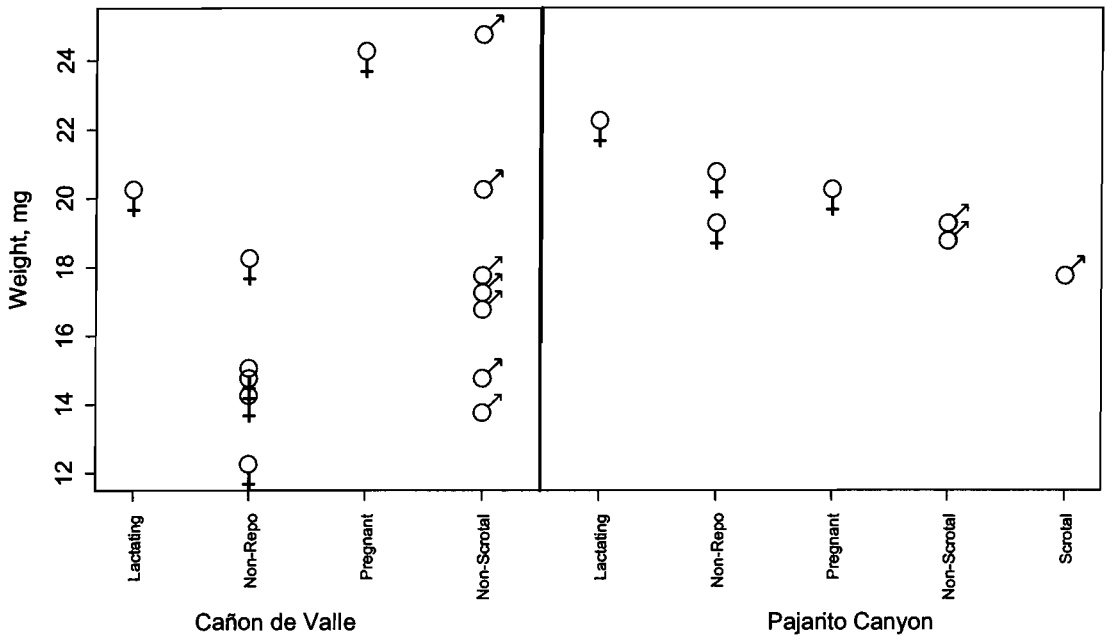


Figure 5.5.1-2

Figure 3. Deer Mouse Contaminant Body Burdens
Numbers above data groups are detects (solid symbol)
and nondetects (open symbol)

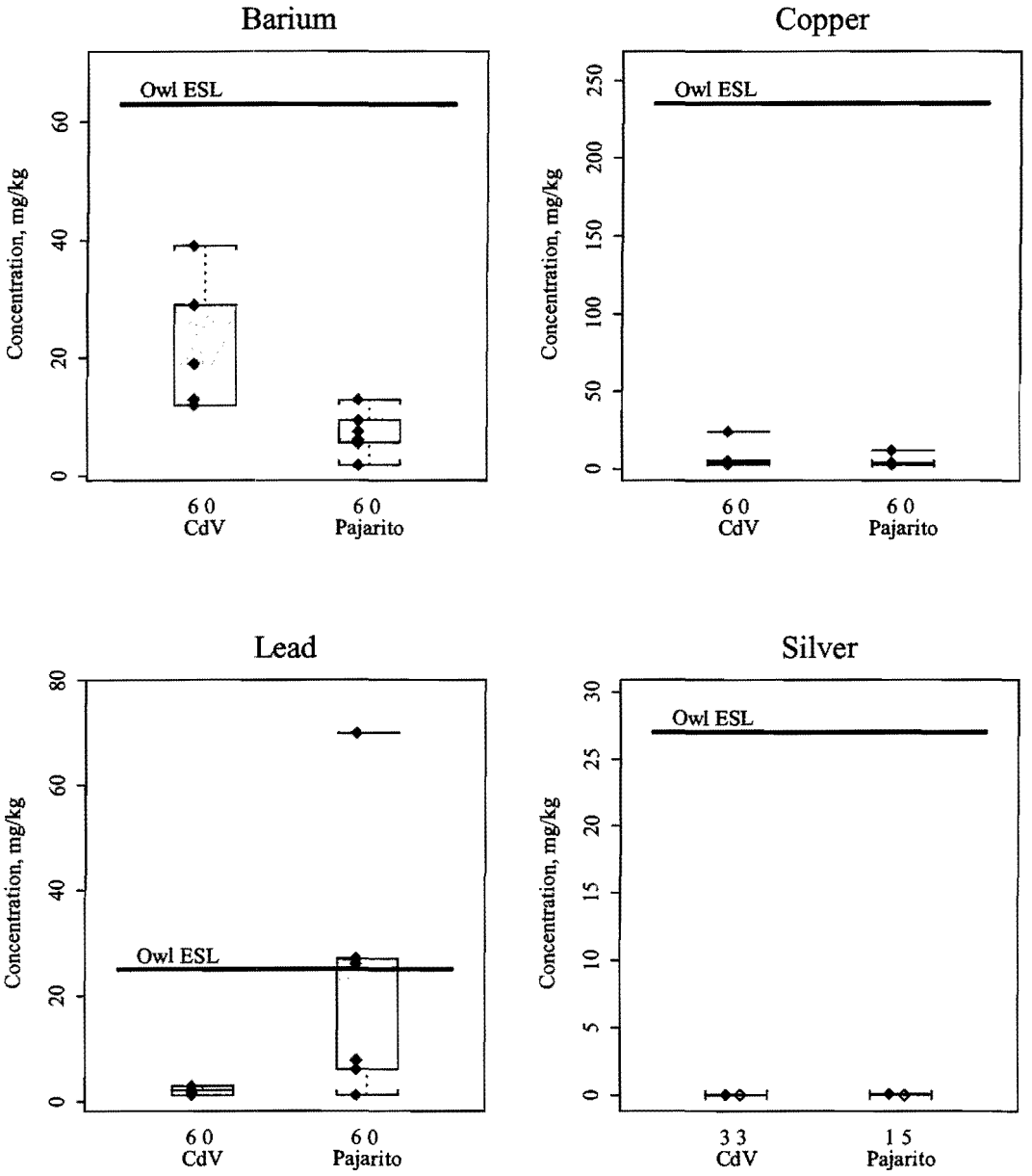
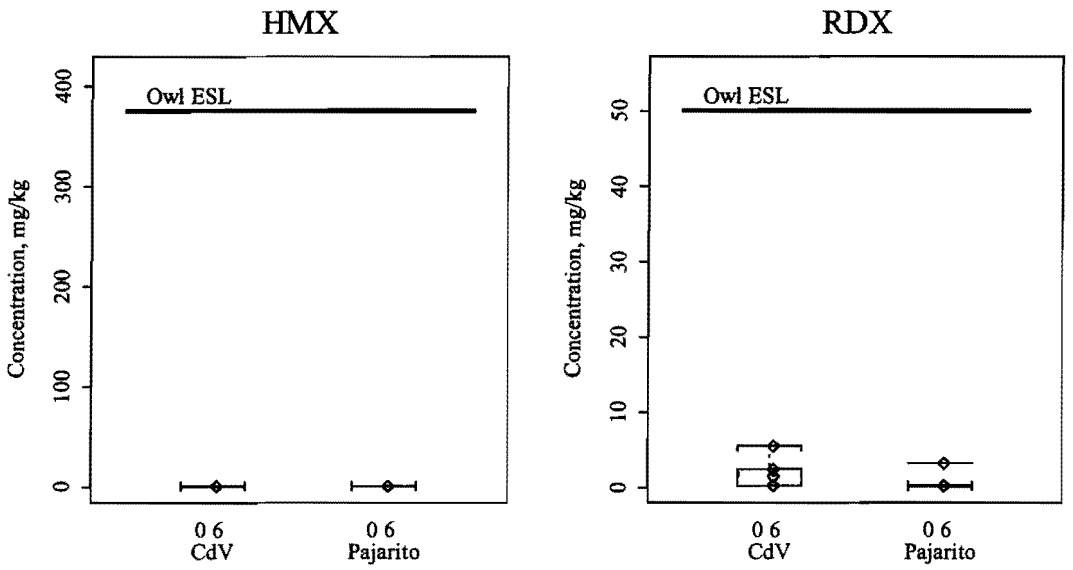


Figure 5.5.1-2 (continued)

Figure 3. Deer Mouse Contaminant Body Burdens
Numbers above data groups are detects (solid symbol)
and nondetects (open symbol)



Attachment 1 to Appendix A

Ecological Scoping Checklist

1.0 ECOLOGICAL SCOPING CHECKLIST

1.1 MDA P Area

Part A—Scoping Documentation

Site ID	MDA P Area
Form of site releases (solid, liquid, vapor). Describe all relevant known or suspected mechanisms of release (spills, dumping, material disposal, outfall, explosive testing, etc.) and describe potential areas of release. Reference locations on a map as appropriate.	The primary mechanism of release at the MDA P Area is related to the former material disposal operations (leaching of contaminants from debris and soil at the site). Solid material and debris comprise the majority of the site releases associated with the former MDA P (SWMU 16-018), the 387 Flash Pad [SWMU 16-016(b)], and the consolidated SWMU 16-016(c)-99, which is comprised of the TA-16-386 Flash Pad, a former barium nitrate pile, and septic tank [SWMU 16-010(a), SWMU 16-016(c), and SWMU 16-006(e), respectively]. Regardless of the release mechanism, the potentially contaminated media at the site include surface and subsurface soil and tuff.
List of Primary Impacted Media (Indicate all that apply.)	**Surface soil – X** Residual COPC concentrations have been measured in surface soil and tuff remaining at the site. **Surface water/sediment – X** Transport to the Cañon de Valle, which is downgradient of the MDA P Area, may have impacted surface water and sediment within the canyon. **Subsurface – X** Residual COPC concentrations have been measured in the subsurface soil and tuff of the site. **Groundwater –** **Other, explain –**
FIMAD vegetation class based on Arcview vegetation coverage (Indicate all that apply.)	Water – Bare Ground/Unvegetated – **X** Spruce/fir/aspen/mixed conifer – **X** (Rocky Mountain Montane) Ponderosa pine – Piñon juniper/juniper savannah – Grassland/shrubland – **X** (stabilized areas of the MDA P Area) Developed – **X** (in the surrounding TA-16 High Explosives [HE] Exclusion Area) Undisturbed habitat proximal to the MDA P Area (beyond the Phase I excavation area) is Rocky Mountain Montane mixed conifer forest. The MDA P Area footprint (the area of removal activities), however, has been heavily disturbed, including the deforestation and denuding of all mature, native vegetation, and to a large extent, the removal of surface soil/topsoil at the site. Slope stabilization operations included the seeding (with native grasses) of some steeply sloped areas with surface soil remaining that were determined to be highly prone to erosion. Additionally, the approximate southern third of the area was reclaimed after the Phase I excavation was completed. Reclamation activities included: the filling of excavated areas with soil that was from the site but which met the pre-determined soil clean-up criteria; stabilization (if needed); and reseeding. Grasses and ruderal plants, typical of disturbed areas, currently inhabit the stabilized and reclaimed seeded areas.

Is T&E Habitat Present? If applicable, list species known or suspected to use the site for breeding or foraging.	Habitats suitable for T&E species have not been identified at the MDA P Area. Occupancy within Cañon de Valle, downgradient of the MDA P Area, by the Mexican spotted owl (a threatened species) has been confirmed (LANL 1998, 59891).
Provide list, of Neighboring/ Contiguous/ Up-gradient sites, includes a brief summary of COPCs and the form of releases for relevant sites and reference a map as appropriate. (Use this information to evaluate the need to aggregate sites for screening.)	The aggregation of the SWMUs at the MDA P Area, as listed in the first question of Part A of this Scoping Checklist, was agreed upon prior to the completion of this checklist. (Details of this aggregation can be found in LANL 1999, 63546).
Surface Water Erosion Potential Information Summarize information from SOP-2.01, including the runoff subscore (maximum of 46); terminal point of surface water transport; slope; and surface water run-on sources.	Vegetative cover within the MDA P Area footprint is less than 30%. The terminal point for surface water runoff is Cañon de Valle, directly downgradient of the MDA P Area. Up-gradient slopes directly adjacent to the MDA P Area are on the top of the mesa on which TA-16 is located and average less than 30%. The elevation of the MDA P Area decreases significantly from the southernmost portion of the site near the road (with slopes generally less than 10%) to the area adjacent to the Cañon de Valle (steep slopes in excess of 30%). Currently, run-on is directed away from the site into adjacent (but different) watersheds, using natural and engineered landscape features. Runoff is generally diverted to the west and east of the site, into channels that terminate in Cañon de Valle. Erosion of the topsoil that remains at the site (in the Biological Zone) has largely been mitigated by the implementation of BMPs, including slope stabilization and erosion control measures. The erosion potential was determined to be 69.3 in 1997 (prior to completion of excavation), with the majority of this (35) due to runoff which terminates in the Cañon de Valle. The topography of the MDA P Area footprint is relatively isolated. Run-on from areas at higher elevations than the footprint is controlled by natural or engineered landscape features. Note that the terminal point of runoff from the footprint is the downgradient Cañon de Valle, which receives runoff from a number of upgradient sources that also terminate in the Cañon de Valle.

Part B—Site Visit Documentation

Receptor Information:

Estimate cover	**Relative vegetative cover (high, medium, low, none) =** Exposed Tuff Zone: Low to none. Mature vegetation has been removed from the site, as a result of the excavation activities. Biological Zone: Low to medium. The vegetative cover in the reclaimed areas consists of grasses and ruderal plants typical of disturbed areas. The vegetative cover in the undisturbed areas consists of native, Rocky Mountain Montane mixed conifer forest habitat. **Relative wetland cover (high, medium, low, none)** = None. **Relative structures/asphalt, etc. (high, medium, low, none)** = None.

Field notes on the FIMAD vegetation class to assist in ground-truthing the Arcview information	Exposed Tuff Zone: Mature vegetation has been removed from this portion of the site, as a result of the excavation activities. Biological Zone: The vegetative cover in the reclaimed areas consists of grasses and ruderal plants typical of disturbed areas and is consistent with the FIMAD grassland/shrubland vegetation class. The vegetative cover in the undisturbed areas consists of native, Rocky Mountain Montane mixed conifer forest habitat. The vegetation description provided here was confirmed during a site visit, August 28, 2002.
Field notes on T&E Habitat, if applicable. Consider the need for a site visit by a T&E subject matter expert to support the use of the site by T&E receptors.	Occupancy by the Mexican spotted owl has been confirmed in an area of Cañon de Valle that is downgradient of the reach of the canyon that receives runoff from the MDA P Area footprint (LANL 1998, 59891). The MDA P Area itself—due to the heavy disturbance caused by the excavation activities, the lack of surface soil across much of the site, the denuding of mature native vegetation, and the surface exposure of much of the site to the underlying tuff—does not currently provide viable habitat that can support mature vegetation or habitat for T&E animals. However, potential foraging by ecological receptors may occur at the site. The habitat type was confirmed in a site visit, August 28, 2002.
Are ecological receptors present at the site? (yes/no/uncertain) Describe the general types of receptors present at the site (terrestrial and aquatic), and make notes on the quality of habitat present at the site.	Exposed Tuff Zone: Yes. Mature vegetation has been removed from the site, as a result of the excavation activities. Surface anomalies and cracks in the tuff tend to accrete fine materials/deposits that can become suitable microhabitats for plants. Thus, some isolated, opportunistic plants are found in the Exposed Tuff Zone. Evidence of animal receptors (as was found in the biological inclusion zone) was not observed in the Exposed Tuff Zone, though limited visiting (e.g., travel across this portion of the site) may occur. The "habitat" in this area is of poor quality and foraging by animals can be excluded for this portion of the site. Biological Zone: Yes. The vegetative cover in the reclaimed areas consists of grasses and ruderal plants typical of disturbed areas; though successional/transitional, the plants appeared healthy and the habitat quality of the reclaimed areas appeared sufficient for supporting significant foraging by animals. The vegetative cover in the adjacent, undisturbed areas consists of native, Rocky Mountain Montane mixed conifer forest habitat, which did not appear to differ in quality from more distal areas of similar habitat. Pollinating insects were observed (most likely small bees). Evidence of small mammal use was noted during the site visit (August 28, 2002), including mounding of soil (assumed to be caused by foraging or burrowing activities). Also, elk tracks and fecal deposits were noted during the site visit.

Contaminant Transport Information:

Surface water transport Field notes on the erosion potential, including a discussion of the terminal point of surface water transport (if applicable).	Vegetative cover within the entire MDA P Area footprint is less than 30%. The terminal point for surface water runoff is Cañon de Valle, directly downgradient of the MDA P Area. Up-gradient slopes directly adjacent to the MDA P Area are on the top of the mesa on which TA-16 is located and average less than 30%. The elevation of the MDA P Area decreases significantly from the southernmost portion of the site near the road (with slopes generally less than 10%) to the area adjacent to the Cañon de Valle (steep slopes in excess of 30%). Currently, run-on is directed away from the site into adjacent (but different) watersheds, using natural and engineered landscape features. Runoff is generally diverted to the west and east of the site, into channels that terminate in Cañon de Valle. Erosion of the topsoil that remains at the site has largely been mitigated by the implementation of BMPs, including slope stabilization and erosion control measures.
Are there any off-site transport pathways (surface water, air, or groundwater)? (yes/no/uncertain) Provide explanation	**Surface Water:** Yes. Run-on is directed away from the site into adjacent (but different) watersheds, using natural and engineered landscape features. Run-on is estimated to be low. Runoff is generally diverted to the west and east of the site, into channels that terminate in Cañon de Valle. Runoff is expected to be in direct proportion to the amount and intensity of precipitation at the site. **Air:** Yes. Transport of COPECs via dust may occur. **Groundwater:** No. The low, average precipitation at the site and the 250+ meter (850+ feet) depth to groundwater (LANL 1995, 58713) preclude the pathway to groundwater, i.e., evapotranspiration rates far exceed infiltration rates. Additionally, a focused geochemical study of the site provides evidence that saturated conditions, as are found along the Cañon de Valle stream, do not extend laterally to produce a perched water table beneath the MDA P Area (see Annex III to this closure report).
Interim action needed to limit off-site transport? (yes/no/uncertain) Provide explanation/ recommendation to project lead for IA SMDP.	No. Off-site transport of the topsoil remaining at the MDA P Area has largely been mitigated by the implementation of BMPs, including revegetation, slope stabilization, and erosion control measures.

Ecological Effects Information:

Physical Disturbance (Provide list of major types of disturbances, including erosion and construction activities, review historical aerial photos where appropriate.)	Disturbances associated with the excavation of the MDA P Area dominate the site. The site has been heavily disturbed, including the deforestation and denuding of all mature, native vegetation, and to a large extent, the removal of surface soil at the site.
Are there obvious ecological effects? (yes/no/uncertain) Provide explanation and apparent cause (e.g., contamination, physical disturbance, other).	Yes. Disturbances associated with the excavation of the MDA P Area dominate the site. The site has been heavily disturbed, including the deforestation and denuding of all mature, native vegetation, and to a large extent, the removal of surface soil at the site. Adverse effects of residual contamination at the site were not observed during the site visit (August 28, 2002); in contrast, the vegetation appeared to be healthy.

Interim action needed to limit apparent ecological effects? (yes/no/uncertain) Provide explanation and recommendations to mitigate apparent exposure pathways to project lead for IA SMDP.	No.

Exposure/Transport Pathways:

If there are no complete exposure pathways to ecological receptors onsite and no transport pathways to offsite receptors, the remainder of the checklist should not be completed. Stop here and provide additional explanation/justification for proposing an ecological No Further Action recommendation (if needed). At a minimum, the potential for future transport should include likelihood that future construction activities could make contamination more available for exposure or transport.

Not applicable.

Part C—Ecological Pathways Conceptual Exposure Model

Question A:

Could soil contaminants reach receptors via vapors?

Volatility of the hazardous substance (volatile chemicals generally have Henry's Law constant >10^{-5} atm-me/mol and molecular weight <200 g/mol).

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Two volatile organic compounds (VOCs) were detected in confirmation samples taken from the Biological Zone: acetone and toluene. Potential exposure to these VOCs is not expected to cause adverse ecological effects because only one sample had detections of these COPCs and the detections were at very low concentrations (below associated EQLs).

Question B:

Could the soil contaminants reach receptors through fugitive dust carried in air?

Soil contamination would have to be on the actual surface of the soil to become available for dust.

In the case of dust exposures to burrowing animals, the contamination would have to occur in the depth interval where these burrows occur.

Answer (likely/unlikely/uncertain): Likely.

Provide explanation: COPCs at the MDA P Area have been identified in samples taken from surface soil and tuff. Dust exposure to COPCs in tuff is expected to be a minor pathway to all potential ecological receptors due to the weathering that must occur to the tuff prior to exposure- weathering which is best described in terms of geologic time. Dust exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations, for three reasons: first, the tuff itself cannot be developed as a burrow; second, the soil that remains at the site within the Biological Zone is generally shallow (< 5 feet); and third, suitable habitat proximal to the MDA P area is likely to be preferred

by potential ecological receptors. Thus, while containing small areas/microhabitats with soil suitable for burrow development, the site as a whole has less-than-prime habitat and though individual burrows may exist, entire breeding populations of burrowing animals are not anticipated to use the site.

Question C:

Can contaminated soil be transported to aquatic ecological communities (use SOP-2.01 runoff score and terminal point of surface water runoff to help answer this question)?

If the SOP-2.01 runoff score* for each SWMU included in the site is equal to zero, this suggests that erosion at the site is not a transport pathway. (* Note that the runoff score is not the entire erosion potential score, rather it is a subtotal of this score with a maximum value of 46 points).

If erosion is a transport pathway, evaluate the terminal point to see if aquatic receptors could be affected by contamination from this site.

Answer (likely/unlikely/uncertain): Likely.

Provide explanation: Erosion is expected to be the primary transport mechanism for COPCs from the MDA Area. The detailed geochemical study of the MDA P Area concludes that the current conditions promote runoff, which is consistent with the erosion runoff score of 35, that was determined in 1997 for the site prior to the completion of the excavation activities. There are potential ecological receptors at the terminal point of transport, downgradient in the Cañon de Valle.

Question D:

Is contaminated groundwater potentially available to biological receptors through seeps or springs or shallow groundwater?

Known or suspected presence of contaminants in groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: There are no seeps or springs in the MDA P Area and depth to groundwater is approximately 850 feet below ground surface (bgs). Additionally, a focused geochemical study of the site provides evidence that saturated conditions, as are found along the Cañon de Valle stream, do not extend laterally to produce a perched water table beneath the MDA P Area (see Annex III to this closure report).

Question E:

Is infiltration/percolation from contaminated subsurface material a viable transport and exposure pathway?

Suspected ability of contaminants to migrate to groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Due to the low annual regional precipitation and the depth to groundwater (approximately 850 feet bgs), contaminant transport to the aquifer is unlikely. Additionally, a focused geochemical study of the site provides evidence that saturated conditions, as are found along the Cañon de Valle stream, do not extend laterally to produce a perched water table beneath the MDA P Area (see Annex III to this closure report).

Question F:

Might erosion or mass wasting events be a potential release mechanism for contaminants from subsurface materials or perched aquifers to the surface?

This question is only applicable to release sites located on or near the mesa edge.

Consider the erodability of surficial material and the geologic processes of canyon/mesa edges.

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Erosion is the primary transport mechanism of COPCs from the MDA P Area. However, the transport rates of COPCs are directly linked to the slow rate of weathering of the tuff, which is not likely related to mass wasting. The MDA P Area is not located on or near a mesa edge.

Question G:

Could airborne contaminants interact with receptors through respiration of vapors?

Contaminants must be present as volatiles in the air.

Consider the importance of inhalation of vapors for burrowing animals.

Foliar uptake of organic vapors is typically not a significant exposure pathway.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: While exposure may be possible to burrowing animals in the deeper soils remaining at the site, VOCs were detected in only one confirmation sample within the Biological Zone at concentrations below the associated EQLs.

Question H:

Could airborne contaminants interact with plants through deposition of particulates or with animals through inhalation of fugitive dust?

Contaminants must be present as particulates in the air or as dust for this exposure pathway to be complete.

Exposure via inhalation of fugitive dust is particularly applicable to ground-dwelling species that would be exposed to dust disturbed by their foraging or burrowing activities or by wind movement.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 2

Terrestrial Animals: 2

Provide explanation: Limited exposure is expected to burrowing animals that may disturb surface soils in the search for the limited areas at the site with deeper soils remaining. Also, while some foraging may occur by surface-dwelling species, the lack of suitable habitat within much of the MDA P Area likely renders portions of the site more as a traffic "corridor" for wildlife (for which only incidental exposure to COPCs is expected) than as appropriate habitat for significant burrowing or foraging activities. Dust exposure to COPCs in tuff is expected to be a minor pathway to all potential ecological receptors (plants and wildlife) due to the weathering that must occur to the tuff prior to exposure—weathering which is best described in terms of geologic time. Dust exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations, for three reasons: first, the tuff itself cannot be developed as a burrow; second, the soil that remains at the site within the Biological Zone is generally shallow (< 5 feet); and third, suitable habitat proximal to the MDA P area is likely to be preferred by potential ecological receptors. Thus, while containing small areas/microhabitats with soil suitable for burrow development, the site as a whole has less-than-prime habitat and though individual burrows may occur, entire breeding populations of burrowing animals are not anticipated to use the site.

Question I:

Could contaminants interact with plants through root uptake or rain splash from surficial soils?

Contaminants in bulk soil may partition into soil solution, making them available to roots.

Exposure of terrestrial plants to contaminants present in particulates deposited on leaf and stem surfaces by rain striking contaminated soils (i.e., rain splash).

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 2

Provide explanation: Residual contaminants in soil could be taken up through plant roots. However, vegetative ground cover at the site is limited to undisturbed areas and reclaimed areas in the Biological Zone. Plants are not expected to be exposed to residual contamination that may be present in the Exposed Tuff Zone at concentrations capable of causing population-level effects. Exposure to COPCs in tuff is expected to be a minor pathway due to the weathering that must occur to the tuff prior to exposure.

Question J:

Could contaminants interact with receptors through food web transport from surficial soils?

The chemicals may bioaccumulate in animals.

Animals may ingest contaminated food items.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 2

Provide explanation: The following bioaccumulators (as defined by the EPA's Persistent Bioaccumulative and Toxic Chemical Program) were detected in confirmatory samples taken from the biological zone of the MDA P Area: Aroclor-1260 and DDT [4,4]. However, these COPCs were detected in one sample and at very low concentrations.

Question K:

Could contaminants interact with receptors via incidental ingestion of surficial soils?

Incidental ingestion of contaminated soil could occur while animals grub for food resident in the soil, feed on plant matter covered with contaminated soil or while grooming themselves clean of soil.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 2

Provide explanation: While some foraging may occur by surface-dwelling species, the lack of suitable habitat within much of the MDA P Area likely renders portions of the site more as a traffic "corridor" for wildlife (for which only incidental exposure to COPCs is expected) than as appropriate habitat for significant burrowing or foraging activities. Dust exposure to COPCs in tuff is expected to be a minor pathway to all potential ecological receptors (plants and wildlife) due to the weathering that must occur to the tuff prior to exposure—weathering which is best described in terms of geologic time.

Question L:

Could contaminants interact with receptors through dermal contact with surficial soils?

Significant exposure via dermal contact would generally be limited to organic contaminants that are lipophilic and can cross epidermal barriers.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 1

Provide explanation: While this is a potential pathway for burrowing insects and animals, significant exposure via burrowing is considered unlikely. As detailed in the answer to Question H, the current conditions of the site largely preclude burrowing and the development of burrowing animal populations. Additionally, the primary organic COPCs identified for the MDA P Area are not lipophilic nor can they cross epidermal barriers.

Question M:

Could contaminants interact with plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

Burial of contamination attenuates radiological exposure.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 0

Terrestrial Animals: 0

Provide explanation: Radiological COPCs were not identified in the MDA P Area Phase II confirmation sampling.

Question N:

Could contaminants interact with plants through direct uptake from water and sediment or sediment rain splash?

Contaminants may be taken-up by terrestrial plants whose roots are in contact with surface waters.

Terrestrial plants may be exposed to particulates deposited on leaf and stem surfaces by rain striking contaminated sediments (i.e., rain splash) in an area that is only periodically inundated with water.

Contaminants in sediment may partition into soil solution, making them available to roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 0

Provide explanation: There is no surface water or aquatic habitat within the MDA P Area. Potential risk to ecological receptors within Cañon de Valle (the terminal point of off-site transport of COPECs from the MDA P Area) is being evaluated separately from the analysis of potential risk to terrestrial receptors within the MDA P Area.

Question O:

Could contaminants interact with receptors through food web transport from water and sediment?

The chemicals may bioconcentrate in food items.

Animals may ingest contaminated food items.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: There is no surface water or aquatic habitat within the MDA P Area. Potential risk to ecological receptors within Cañon de Valle (the terminal point of off-site transport of COPECs from the MDA P Area) is being evaluated separate from the analysis of potential risk to terrestrial receptors at the MDA P Area.

Question P:

Could contaminants interact with receptors via ingestion of water and suspended sediments?

If sediments are present in an area that is only periodically inundated with water, terrestrial receptors may incidentally ingest sediments.

Terrestrial receptors may ingest water-borne contaminants if contaminated surface waters are used as a drinking water source.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: No surface waters are present within the MDA P Area. Potential risk to ecological receptors within Cañon de Valle (the terminal point of off-site transport of COPECs from the MDA P Area) is being evaluated separate from the analysis of potential risk to terrestrial receptors at the MDA P Area.

Question Q:

Could contaminants interact with receptors through dermal contact with water and sediment?

If sediments are present in an area that is only periodically inundated with water, terrestrial species may be dermally exposed during dry periods.

Terrestrial organisms may be dermally exposed to water-borne contaminants as a result of wading or swimming in contaminated waters.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: No surface water is present within the MDA P Area. Potential risk to ecological receptors within Cañon de Valle (the terminal point of off-site transport of COPECs from the MDA P Area) is being evaluated separate from the analysis of potential risk to terrestrial receptors at the MDA P Area.

Question R:

Could contaminants interact with plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

Burial of contamination attenuates radiological exposure.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 0

Terrestrial Animals: 0

Provide explanation: Radiological COPCs were not identified in the MDA P Area Phase II confirmation samples.

Question S:

Could contaminants bioconcentrate in free floating aquatic, attached aquatic plants, or emergent vegetation?

Aquatic plants are in direct contact with water.

Contaminants in sediment may partition into pore water, making them available to submerged roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Plants/Emergent Vegetation: 0

Provide explanation: There is no surface water or aquatic habitat within the MDA P Area. Potential risk to ecological receptors within Cañon de Valle (the terminal point of off-site transport of COPECs from the MDA P Area) is being evaluated separate from the analysis of potential risk to terrestrial receptors at the MDA P Area.

Question T:

Could contaminants bioconcentrate in sedimentary or water column organisms?

Aquatic receptors may actively or incidentally ingest sediment while foraging.

Aquatic receptors may be directly exposed to contaminated sediments or may be exposed to contaminants through osmotic exchange, respiration, or ventilation of sediment pore waters.

Aquatic receptors may be exposed through osmotic exchange, respiration, or ventilation of surface waters.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: 0

Provide explanation: There is no surface water or aquatic habitat within the MDA P Area. Potential risk to ecological receptors within Cañon de Valle (the terminal point of off-site transport of COPECs from the MDA P Area) is being evaluated separate from the analysis of potential risk to terrestrial receptors at the MDA P Area.

Question U:

Could contaminants bioaccumulate in sedimentary or water column organisms?

Lipophilic organic contaminants and some metals may concentrate in an organism's tissues

Ingestion of contaminated food items may result in contaminant bioaccumulation through the food web.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: 0

Provide explanation: There is no surface water or aquatic habitat within the MDA P Area. Potential risk to ecological receptors within Cañon de Valle (the terminal point of off-site transport of COPECs from the MDA P Area) is being evaluated separate from the analysis of potential risk to terrestrial receptors at the MDA P Area.

Question V:

Could contaminants interact with aquatic plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

The water column acts to absorb radiation, thus external irradiation is typically more important for sediment dwelling organisms.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

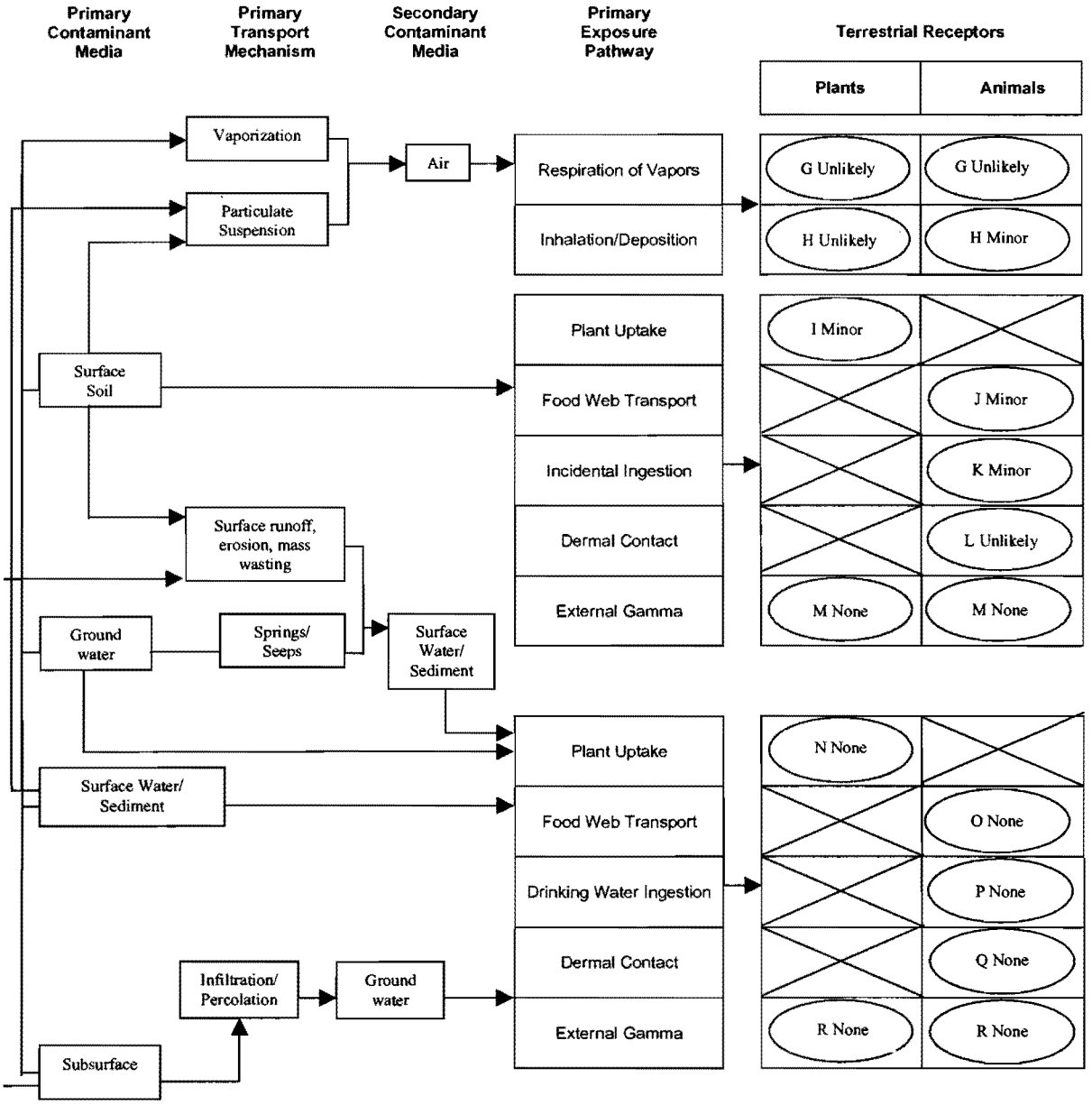
Aquatic Plants: 0

Aquatic Animals: 0

Provide explanation: Radiological COPCs were not identified in the MDA P Area Phase II confirmation sampling.

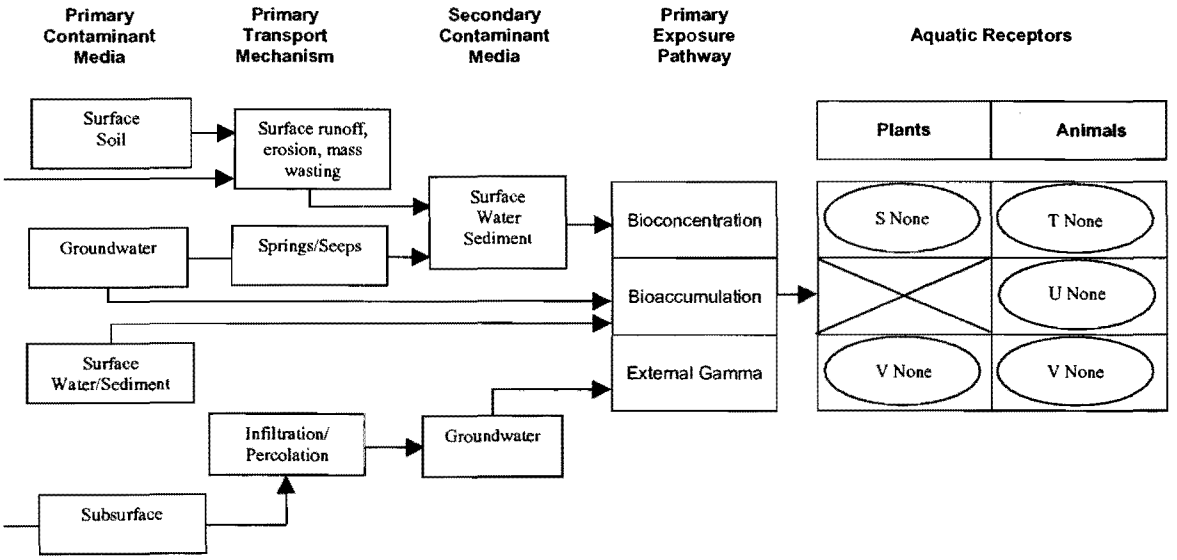
NOTE:
Letters in circles refer to questions on the Scoping Checklist

Ecological Scoping Checklist: MDA P Area
Terrestrial Receptors
Ecological Pathways Conceptual Exposure Model: Post-Excavation Site Conditions



NOTE:
Letters in circles refer to questions on the Scoping Checklist

Ecological Scoping Checklist: MDA P Area
Aquatic Receptors
Ecological Pathways Conceptual Exposure Model: Post-Excavation Site Conditions



Signatures and certifications:

Checklist completed by (provide name, organization and phone number):

Name (printed): Sharon R. Wirth, Ecologist

Name (signature): 01/27/03

Organization: Shaw Environmental, Inc.

Phone number: 505-262-8936

Date Completed: 08/20/02

Verification by a member of ER Project Ecological Risk Task Team (provide name, organization and phone number):

Name (printed): Richard Mirenda

Name (signature):

Organization: RRES-R

Phone number: 505-665-6953

Attachment 2 to Appendix A

Statistical Calculations, Analyses, and Plots

1.0 INTRODUCTION

This attachment describes the statistical tests and analyses used to evaluate the residual concentrations of COPCs relative to background, the initial step in the risk assessment process for the MDA P Area. Also provided are a number of plots created to support the background analyses and the evaluation of residual COPC concentrations at the MDA P Area.

2.0 WILCOXON-RANK SUM TEST

The Wilcoxon-Rank Sum (WRS) test is a nonparametric distributional test to determine if the distributions have the same medians at some allowable confidence. Nonparametric tests rank the data and indicate whether the rank ordering of the data shows differences between the data sets. The advantages of a nonparametric test are that it is valid with any shape of distribution and that it is less sensitive to the presence of nondetects and the assumed values assigned to them. A parametric test is slightly more powerful than a nonparametric test for normally distributed data, but a nonparametric test may be more powerful for non-normally distributed data (EPA 1994 [EPA/230/R-94/004]; US Navy 1999, 73786). The use of nonparametric tests for all distributions eliminates the need for distribution testing and thereby minimizes the level of effort involved in statistical analysis.

The WRS test permits a moderate number of nondetect values, and can be used even if the nondetects are present in only one of the two data sets (Gilbert 1987, 56179). The WRS test compares two data sets of size n and m ($n > m$), and tests the null hypothesis that the samples were drawn from populations with distributions having the same medians. To perform the test, the two sets of observations are pooled and arranged in order from smallest to largest. Each observation is assigned a rank; that is, the smallest is ranked 1, the next largest is ranked 2, and so on up to the largest observation, which is ranked $(n + m)$. If ties occur between or within samples, each one is assigned the midrank. Next, the sum of the ranks of smaller data set m is calculated. Then the test statistic Z is determined,

$$Z = \frac{W - m(m+n+1)/2}{\sqrt{mn(m+n+1)/12}}$$

where:

W	=	Sum of the ranks of the smaller data set
m	=	Number of data points in smaller group
n	=	Number of data points in larger group.

This test statistic Z is used to find the two-sided significance. For instance, if the test statistic yields a probability of a Type I error (p-level) less than 0.05, then there is a statistically significant difference between the medians at the 95% confidence level. A Type I error involves rejecting the null hypothesis when it is true. If the p-level is greater than 0.05, then there is no reasonable justification to reject the null hypothesis at the 95% confidence level. It can therefore be concluded that the medians of the two data sets are similar and can be assumed to be drawn from the same population.

If the p-level is less than 0.05, it is concluded that the medians of the two distributions are significantly different at the 95% confidence level. This can occur if the site data are shifted higher or lower than the background data. If the site data are shifted higher relative to background, then contamination may be indicated. If the p-level is greater than 0.05, then pervasive site contamination is not suspected. The back-

ground threshold comparison was performed in parallel with the WRS test to determine if localized areas have significantly higher levels of residual contamination than the site as a whole.

3.0 QUANTILE TEST

The quantile test has been recommended in conjunction with the WRS Test (Hardin and Gilbert 1993, 73773; EPA 1994 [EPA/230/R-94/004]; O'Brien and Gilbert 1997, 73770; US Navy 1999, 73786; EPA 2000 [EPA/600/R-96/084]). The quantile test is useful for detecting differences in the upper tails of the two data sets (in other words, to identify areas of elevated concentrations at a site), as opposed to a shift in the medians. As with the WRS test, the two distributions are assumed to possess the same variance. The quantile test is a test of the null hypothesis that the site data are not different from the background data, with respect to the upper tails of the distributions. Disadvantages of the quantile test are that it is not sensitive to the magnitude of the outliers and that it assumes that either systematic or simple random sampling was employed. Large numbers of site and background samples may be required for the test to have sufficient power to detect differences between the two distributions. The test will lose power if the highest site and background measurements include nondetects.

The quantile testing procedure is as follows (EPA 1994 [EPA/230/R-94/004]):

- Specify the required Type I error rate (0.05 for the MDA P Area) and then select the corresponding table.
- Enter *m* and *n* (the number of background and MDA P Area samples, respectively) into the selected table to find the values of *r* (reference or background area) and *k* (MDA P Area) needed for the quantile test.
- If the table has no value of *r* and *k* for the corresponding values of *m* and *n*, enter the closest values of *m* and *n* into the table (in this case, the α level in the table will not apply to the actual values of *m* and *n*).
- Put the combined $m + n$ (N) measurements in order, from smallest to largest.
- Count the number, *k*, of the measurements from the MDA P Area that are greater than the largest background value.
- If the observed *k* is greater than or equal to the tabled value of *k*, then reject the null hypothesis and conclude that the MDA P Area is not similar to background for that COPC at the proposed α (i.e., the COPC is retained for further analysis).

4.0 STATISTICAL EVALUATION OF COPCs AT MDA P AREA

For the ecological screening evaluation, only COPCs identified for the biological zone are included in the analysis; thus, the 95% UCL is designed to represent the "average" exposure concentration in the upper 5 ft of soil and tuff in the biological zone. For the human health screening evaluation, COPCs identified for both zones are included in the analysis; thus, the 95% UCL is designed to represent the average exposure concentration in the upper 5 ft of soil and tuff across the entire site (analytical data from both zones were combined after the COPCs in each zone were determined).

All confirmation sample data were sorted by habitat zone (i.e., biological and exposed tuff zones) for each of the evaluated COPCs. Data sets for the three chemical classes being evaluated were generated as follows:

- For inorganic or radiological COPCs that exceeded BVs in one of the two habitat zones, the data set created for the 95% UCL concentration included confirmation sample data from the assumed depth of exposure: 0 to 5 ft. For radionuclides associated with atmospheric fallout, there is no BV for tuff; in these cases, a detected value was treated as an exceedance of a BV.
- For organic COPCs, a detected value was treated as evidence that a particular organic COPC is site-related. As with inorganics and radionuclides, the data set created for the 95% UCL concentration included confirmation sample data from the assumed depth of exposure (0 to 5 ft) and was limited to the biological zone for the ecological screening assessment but included analytical data from both zones for the human health screening assessment.

4.1 Distribution Tests

The distribution tests described in this section were performed using ProUCL (Lockheed Martin 2002, 73767) software to determine the parametrics and subsequent representative 95% UCL concentrations for each MDA P Area COPC. ProUCL tests the normality or lognormality of the data set using the three different procedures described below. The program tests normality or lognormality at three different levels of significance (0.01, 0.05, and 0.1). This section summarizes the ProUCL distribution analyses, the details of which can be found in the cited references (see section 6 of the main body of this report).

4.1.1 Quantile-Quantile (Q-Q) Plot

This is a simple graphical procedure to test for approximate normality or lognormality of a data distribution (Hoaglin et al. 1983, 72721). A linear pattern displayed by the bulk of the data indicates approximate normality or lognormality of the data distribution. For example, a high value (e.g., 0.95 or greater) for the correlation coefficient of the linear pattern indicates approximate normality (or lognormality) of the data set under study. For this graphical analysis, the observations that are well separated from the linear pattern displayed by the bulk data represent the outlying observations. The graphical Q-Q plot test is accompanied by other, more powerful tests: the Shapiro-Wilk W test and the Lilliefors test. ProUCL always performs the graphical Q-Q plot test on raw data as well as on standardized data.

4.1.2 Shapiro-Wilk W Test

This is a powerful test and is often used to test the normality or lognormality of the data distribution under study (Gilbert 1987, 56179). ProUCL performs this test for samples of size 50 or smaller. Based upon the selected level of significance and the computed test statistic, ProUCL also informs the user if the data are normally (or lognormally) distributed. ProUCL then derives the 95% UCL concentration, based on the parametric test results.

4.1.3 Lilliefors Test

This test is particularly useful for data sets of larger size (Dudewicz and Misra, 1988). ProUCL performs this test for samples of sizes up to 1000. Based upon the selected level of significance and the computed test statistic, ProUCL also informs the user if the data are normally (or lognormally) distributed. ProUCL then derives the 95% UCL concentration, based on the parametric test results.

4.1.4 Summary of Results

The results of the distribution test are summarized in Table A-4.2-1 for the COPCs of concern for the human health screening assessment and Table A-4.2-2 for the biological zone COPCs of concern for the ecological screening assessment (tables are in the main text of Appendix A). The tables include number of analyses, distribution type, minimum concentration, maximum concentration, mean concentration, standard deviation, and 95% UCL concentration for all MDA P Area COPCs that were carried forward from the background comparison.

4.2 Methods for Computing a 95% UCL Concentration

ProUCL computes a (1-α) 100% UCL of the population mean using a possible ten procedures. The following four procedures were used to derive 95% UCL concentrations for the MDA P Area COPCs (depending upon the distribution test results):

1. Student's *t*-statistic—assumes normality or approximate normality,
2. Land's *H*-statistic—assumes lognormality.
3. Chebyshev Theorem using the minimum variance unbiased estimates (MVUE) of the parameters of a lognormal distribution (denoted by Chebyshev [MVUE])—assumes lognormality, and
4. Standard bootstrap procedure—a non-parametric procedure.

4.2.1 95% UCL Concentration Based Upon Student's *t*-Statistic

The widely used Student's *t*-statistic is given by:

$$t = \frac{\bar{x} - \mu_1}{s_x / \sqrt{n}},$$

where $\bar{x}$ and s_x are, respectively, the sample mean and sample standard deviation obtained using raw data. If the data are a random sample from a normal population with mean μ_1, and standard deviation σ_1, then the distribution of this statistic is the Student's *t* distribution with *n*-1 degrees of freedom; $t_{\alpha, n-1}$ is the upper α quantile of the Student's *t* distribution with *n*-1 degrees of freedom.

A (1-α) 100% UCL of the population mean μ_1 is given by:

$$UCL = \bar{x} + t_{\alpha, n-1} s_x / \sqrt{n}.$$

For a normally distributed population (when the skewness is about 0), the Student's *t*-statistic provides the best way of computing a 95% UCL concentration. However, for even mildly to moderately skewed data sets (e.g., when σ starts approaching and exceeding 0.5), the 95% UCL concentration may not provide the desired coverage to the population mean, which is especially true when the sample size is smaller than 20—25 (Singh et al. 2000) and which worsens for higher values of the sd, σ, or its estimate, s_y.

4.2.2 95% UCL Concentration Based Upon the *H*-Statistic (*H*-UCL)

The one-sided (1-α) 100% UCL for the mean, μ_1, of a lognormal distribution as derived by Land (1971, 73774; 1975) is given as follows:

$$UCL = \exp\left(\bar{y} + 0.5\, s_y^2 + s_y H_{1-\alpha} / \sqrt{(n-1)} \right)$$

where:

exp	=	Base of the natural log
$\bar{y}$	=	Mean of the transformed data
s_y	=	Standard deviation of the transformed data
H	=	*H*-statistic
n	=	Number of samples.

Tables of *H*-statistic values can be found in Land (1975) and also in Gilbert (1987, 56179). Theoretically, when the population is lognormal, Land (1971, 73774) showed that the UCL given by the equation above possesses optimal properties and is the uniformly most accurate unbiased confidence limit. However, results based on the *H*-statistic can be misleading, especially when the data set consists of outliers or is a mixture from two or more distributions (Singh et al. 1997, 65241; 1999). Even a minor increase in the standard deviation, s_y, drastically inflates the MVUE of μ_1 and the associated *H*-UCL. The presence of low as well as high data values increases the standard deviation, s_y, which in turn inflates the *H*-UCL. Furthermore, it is observed (Singh et al. 2000) that for smaller sample sizes (smaller than 15—25), and for values of *s* approaching 1.0 and higher (for moderately skewed to highly skewed data sets), that the using *H*-statistic to determine a UCL results in impractical and unacceptably large UCL values.

4.2.3 95% UCL Concentration of a Lognormal Population Based Upon the Chebyshev Theorem (Using the MVUE of Mean and Its Standard Error)

The program ProUCL uses the MVUEs of lognormal mean and sd to compute a UCL [denoted by (1-α) 100% Chebyshev (MVUE)] of the population mean of a lognormal population. In general, if μ_1 is an unknown mean, $\hat{\mu}_1$ is an estimate, and $\hat{\sigma}(\hat{\mu}_1)$ is an estimate of the standard error of $\hat{\mu}_1$, then the following equation:

$$UCL = \hat{\mu}_1 + ((1/\alpha) - 1)^{1/2}\, \hat{\sigma}(\hat{\mu}_1)$$

will give a (1-α) 100% UCL for μ_1, which tends to be conservative, but this is not assured. For example, for a lognormally distributed data set, a 95% Chebyshev (MVUE) UCL of the mean (with $\alpha = 0.05$) can be obtained using the following equation:

$$UCL = \hat{\mu}_1 + (4.359)\ \hat{\sigma}(\hat{\mu}_1),$$

where the parameters are summarized above. Thus, for lognormally distributed data sets, ProUCL uses the above equation to compute a (1-α) 100% Chebyshev (MVUE) UCL of mean.

4.2.4 95% UCL Concentration Based Upon Standard Bootstrap Procedure

Bootstrap procedures as discussed by Efron (1981; 1982, 73771) are nonparametric statistical techniques which can be used to reduce the bias of point estimate and construct approximate confidence intervals for parameters, such as the population mean. These two procedures require no assumptions regarding the statistical distribution (e.g., normal or lognormal) for the underlying population and can be applied to a variety of situations, no matter how complicated.

Let $x_1, x_2, \ldots, x_n$ be a random sample of size n from a population with an unknown parameter, θ (e.g., $\theta = \mu_1$), and let $\hat{\theta}$ be an estimate of θ, which is a function of all n observations. For example, the parameter θ could be the population mean, and a reasonable choice for the estimate, $\hat{\theta}$, might be the sample mean, $\bar{x}$. Another choice for $\hat{\theta}$ is the MVUE of a mean of a lognormal population, especially when dealing with lognormal data sets.

In the bootstrap procedure, repeated samples of size n are drawn, with replacement, from a given set of observations. The process is repeated a large number of times (e.g., 2000), and an estimate, $\hat{\theta}_i$, of θ is computed each time. The estimates thus obtained are used in turn to compute an estimate of the standard error of θ. A description of the bootstrap method, illustrated by application to the population mean, μ_1, and the sample mean, $\bar{x}$, is given as follows:

Step 1. Let $(x_{i1}, x_{i2}, \ldots, x_{in})$ represent the ith sample of size n, *with replacement* from the original data set $(x_1, x_2, \ldots, x_n)$. Then compute the sample mean and denote it by $\bar{x}_i$.

Step 2. Perform Step 1 independently N times (e.g., 1000—2000), each time calculating a new estimate. Denote those estimates by $\bar{x}_1, \bar{x}_2, \ldots, \bar{x}_n$. The bootstrap estimate of the population mean is the arithmetic mean, $\bar{x}_B$ of the N estimates $\bar{x}_i : i = 1, 2, \ldots, N$. The bootstrap estimate of the standard error of the estimate, $\bar{x}$, is given by:

$$\hat{\sigma}_B = \sqrt{\frac{1}{N-1}\sum_{i=1}^{N}\left(\bar{x}_i - \bar{x}_B\right)^2}.$$

If some parameter, θ (say, a population median), other than the mean is of concern, with an associated estimate (e.g., the sample median), then the same steps described above could be applied with the parameter and its estimate used in place of μ_1 and $\bar{x}$. Specifically, the estimate, $\hat{\theta}_i$, would be computed, instead of $\bar{x}_i$, for each of the N bootstrap samples. The general bootstrap estimate, denoted by $\bar{\theta}_B$, is the arithmetic mean of the N estimates. The difference, $\bar{\theta}_B - \hat{\theta}$, provides an estimate of the bias of the estimate, $\hat{\theta}$, and the bootstrap estimate of the standard error of $\hat{\theta}$ is

$$\hat{\sigma}_B = \sqrt{\frac{1}{N-1}\sum_{i=1}^{N}\left(\hat{\theta}_i - \bar{\theta}_B\right)^2}.$$

The (1-α) 100% standard bootstrap UCL for $\hat{\theta}$ is given by

$$UCL = \hat{\theta} + z_{\alpha}\hat{\sigma}_{B}.$$

ProUCL computes the standard bootstrap 95% UCL concentration by using the population arithmetic mean and sample arithmetic mean, given respectively by μ_1 and μ_1 and $\bar{x}$. The 95% UCL concentration obtained using the standard bootstrap procedure is quite similar to the 95% UCL concentration obtained using the Student's *t*-statistic and, as such, does not adequately adjust for skewness.

4.3 Data Plots

This section summarizes the data plots created for the MDA P Area data analysis, as presented in section 3.3 of the associated appendix.

4.3.1 Box-and-Whisker Comparison Plots

The box plot is a quick and robust graphical method recommended by the US Environmental Protection Agency (EPA) for visualizing and comparing two or more groups of data (EPA 1992 [EPA/530/R-93/003]). These plots provide a summary view of the entire data set, including the overall location and degree of symmetry. The box encloses the central 50% of the data points so that the top of the box represents the 75th percentile and the bottom of the box represents the 25th percentile. The small box within the larger box represents the median of the data set. The upper whisker extends outward from the box to either 1.5 times the interquartile distance (IQD) (i.e., range between 25th and 75th percentiles) or to the maximum point, whichever is larger. The lower whisker extends either 1.5 times the IQD or to the minimum point, whichever is smaller. Values outside the whiskers are shown as ° or *, representing distinct points for either outliers (above 1.5 times the IQD) or extreme values (above 3 times the IQD). Nondetect results are set equal to the reporting limit for plotting purposes.

For each inorganic chemical, box plots of site and background data are placed side by side to visually compare the distributions and qualitatively determine whether the data sets are similar or distinct. In addition, the individual detected concentrations and (detection limits for nondetected samples) are summarized for the site data. As described previously, the WRS test may indicate that the medians of the site and background data sets are significantly different. Examination of the box plots will confirm whether that difference is caused by site data that are shifted higher or lower relative to background. Figures B-1a through B-19a show the box plots for all metals with available background data for the biological zone. Figures B-1b through B-19b show the box plots for all metals with available background data for the exposed tuff zone.

4.3.2 Plots of Concentrations by Depth

All COPCs identified for the biological and exposed tuff zones are examined with respect to the distribution of concentrations with depth. Figures of inorganic chemicals with depth (Figures B-20 through B-35) show data for both zones, with no additional detail about whether an individual data point is from tuff or soil or whether it is a detection (such information is available in the box-and-whisker plots summarized above). Figures of organic chemicals with depth (Figures B-36 through B-47) do not distinguish between the two zones, but do indicate whether a given data point is a detection.

Figure B-1a

Box-and-Whisker Background Comparison for Aluminum in the Biological Zone

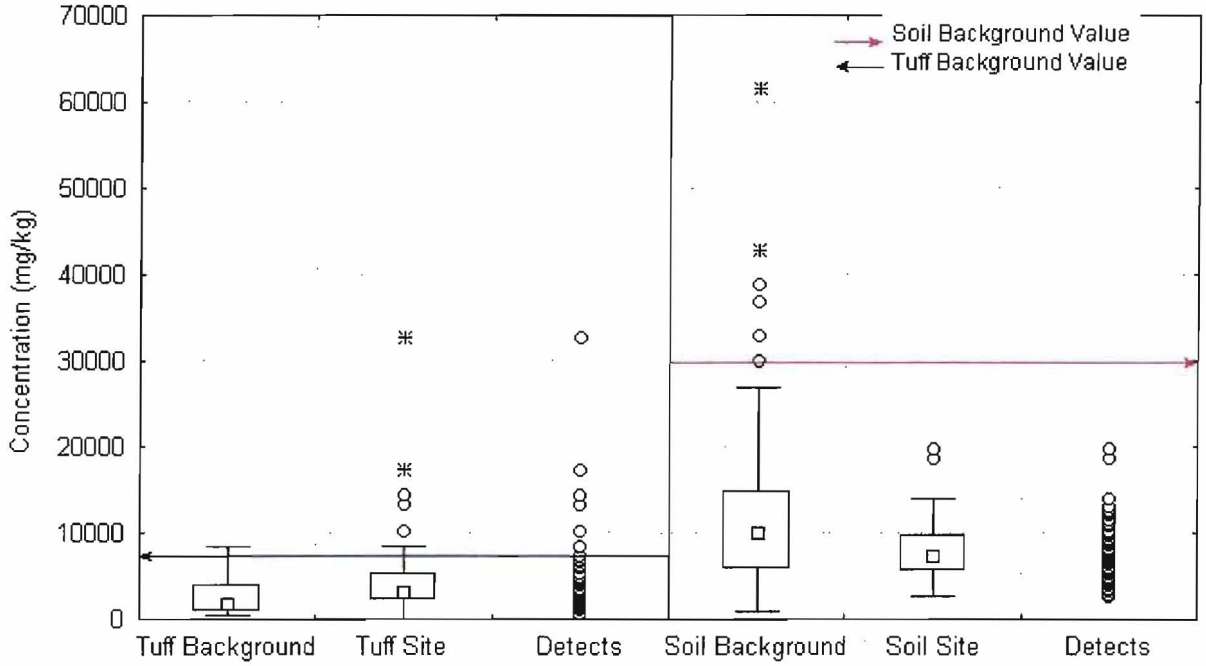


Figure B-1b

Box-and-Whisker Background Comparison for Aluminum in the Exposed Tuff Zone

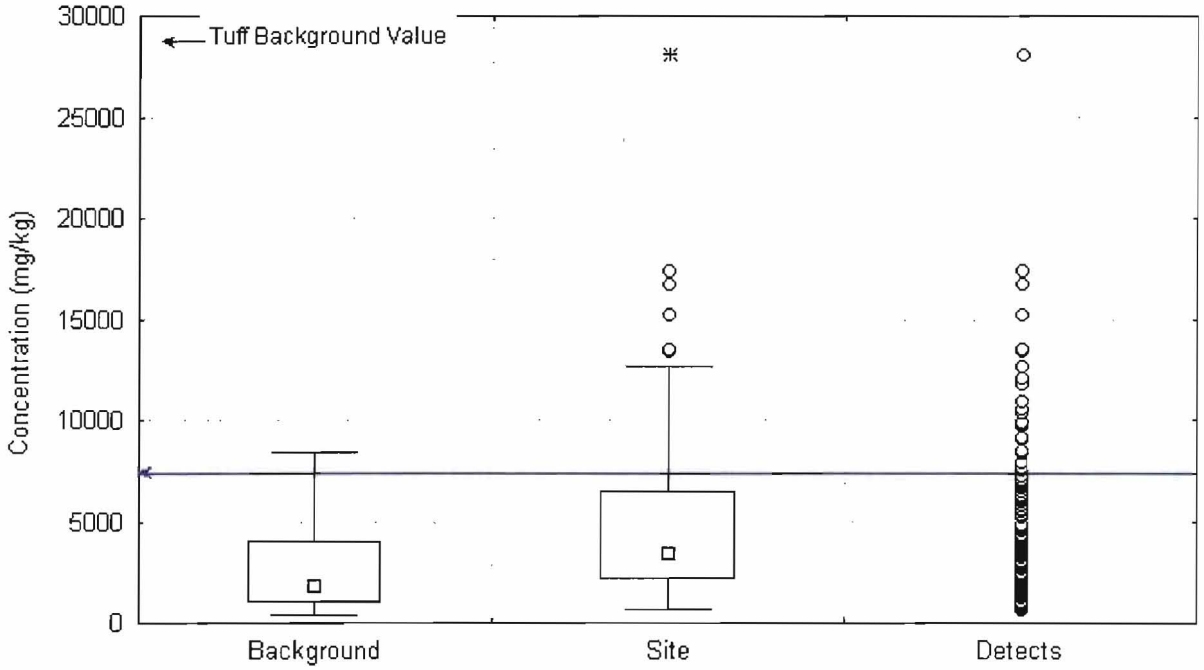


Figure B-2a

Box-and-Whisker Background Comparison for Antimony in the Biological Zone

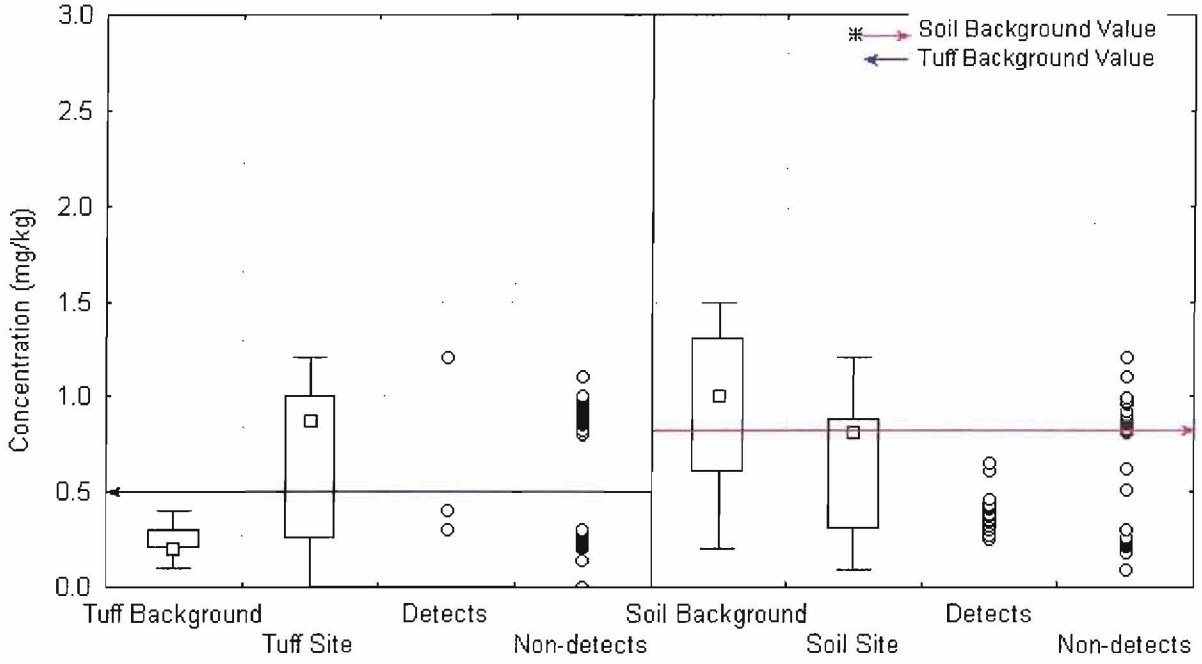


Figure B-2b

Box-and-Whisker Background Comparison for Antimony in the Exposed Tuff Zone

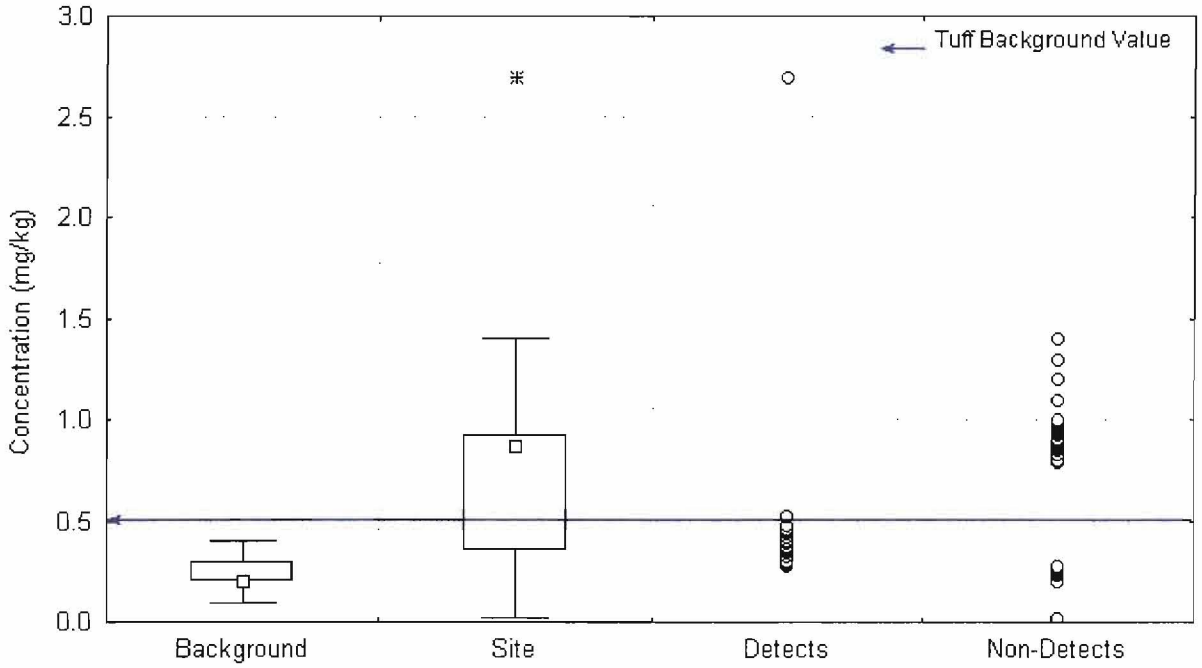


Figure B-3a

Box-and-Whisker Background Comparison for Arsenic in the Biological Zone

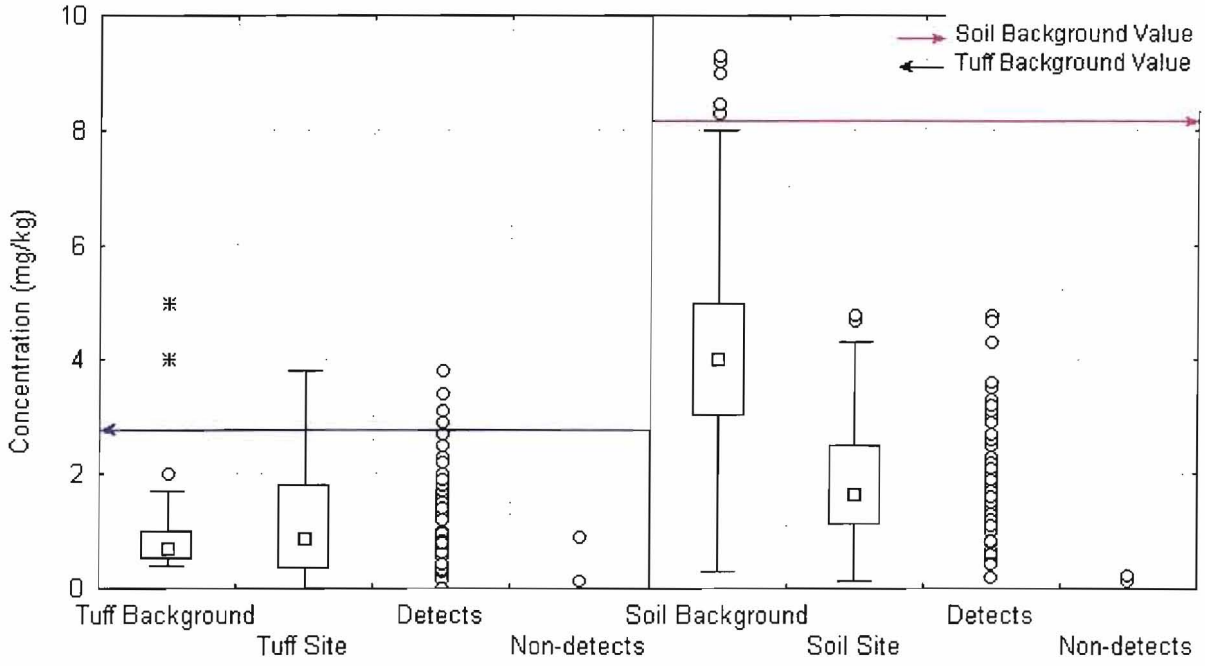


Figure B-3b

Box-and-Whisker Background Comparison for Arsenic in the Exposed Tuff Zone

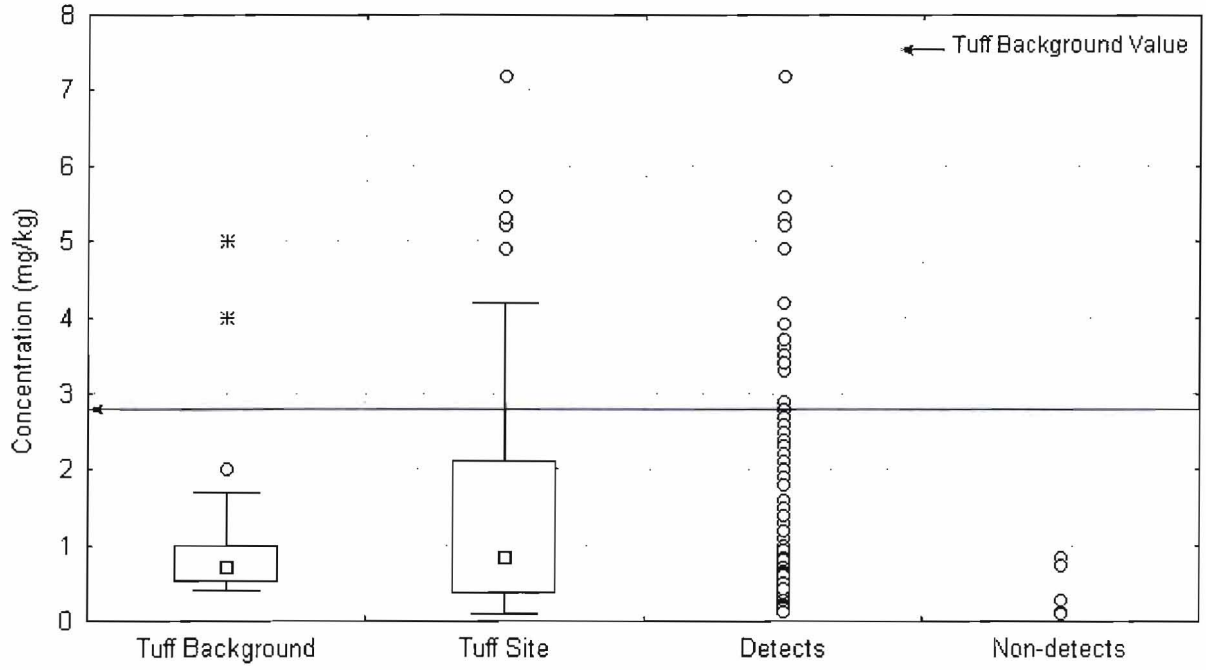


Figure B-4a

Box-and-Whisker Background Comparison for Barium in the Biological Zone

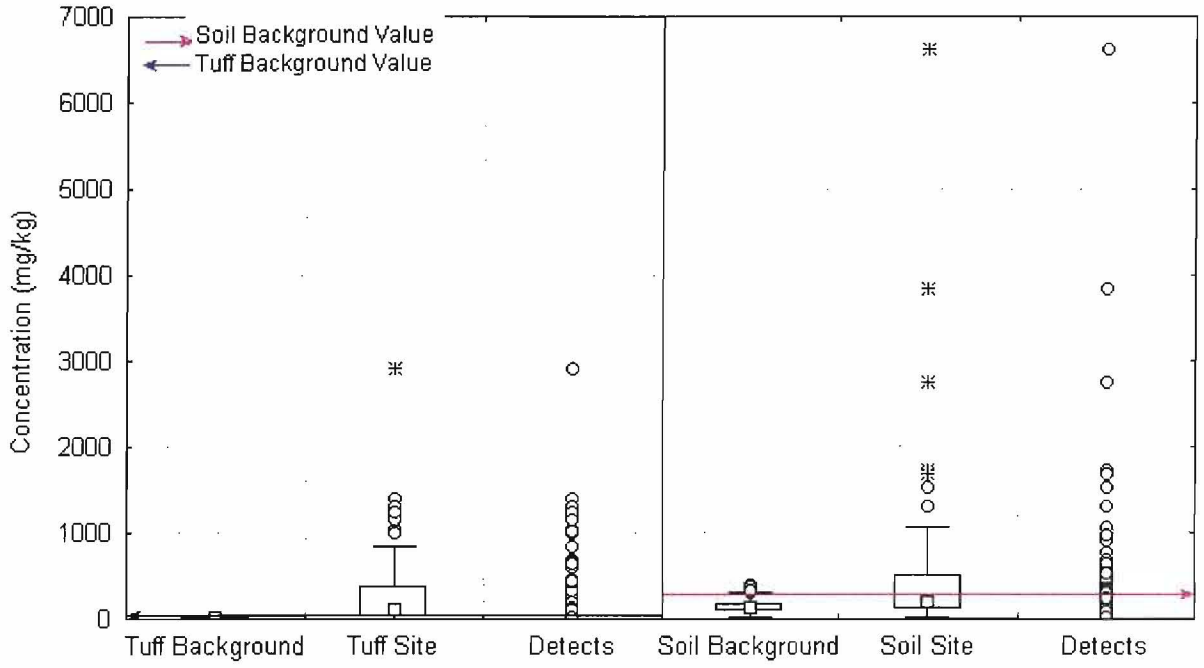


Figure B-4b

Box-and-Whisker Background Comparison for Barium in the Exposed Tuff Zone

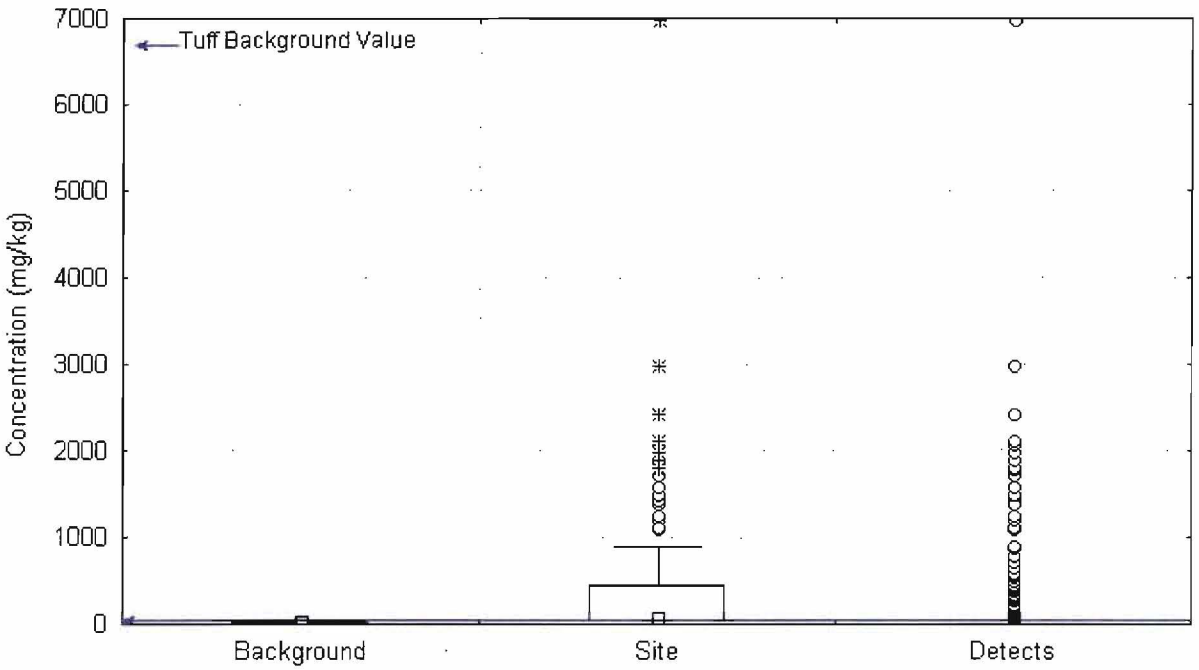


Figure B-5a

Box-and-Whisker Background Comparison for Beryllium in the Biological Zone

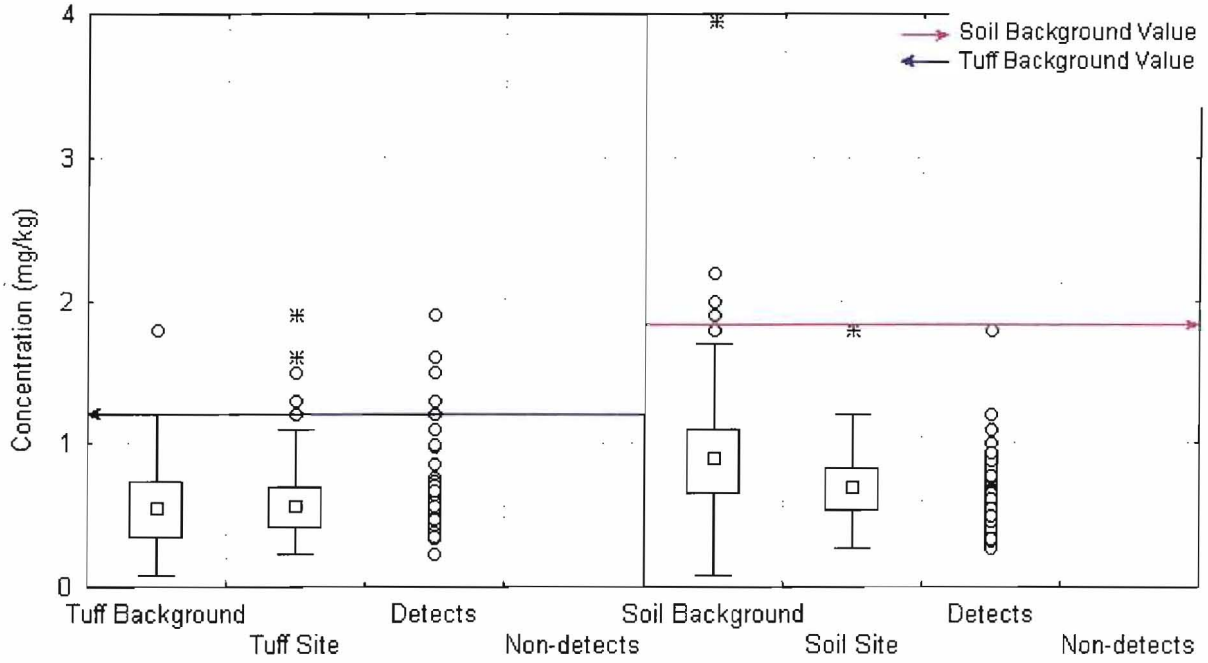


Figure B-5b

Box-and-Whisker Background Comparison for Beryllium in the Exposed Tuff Zone

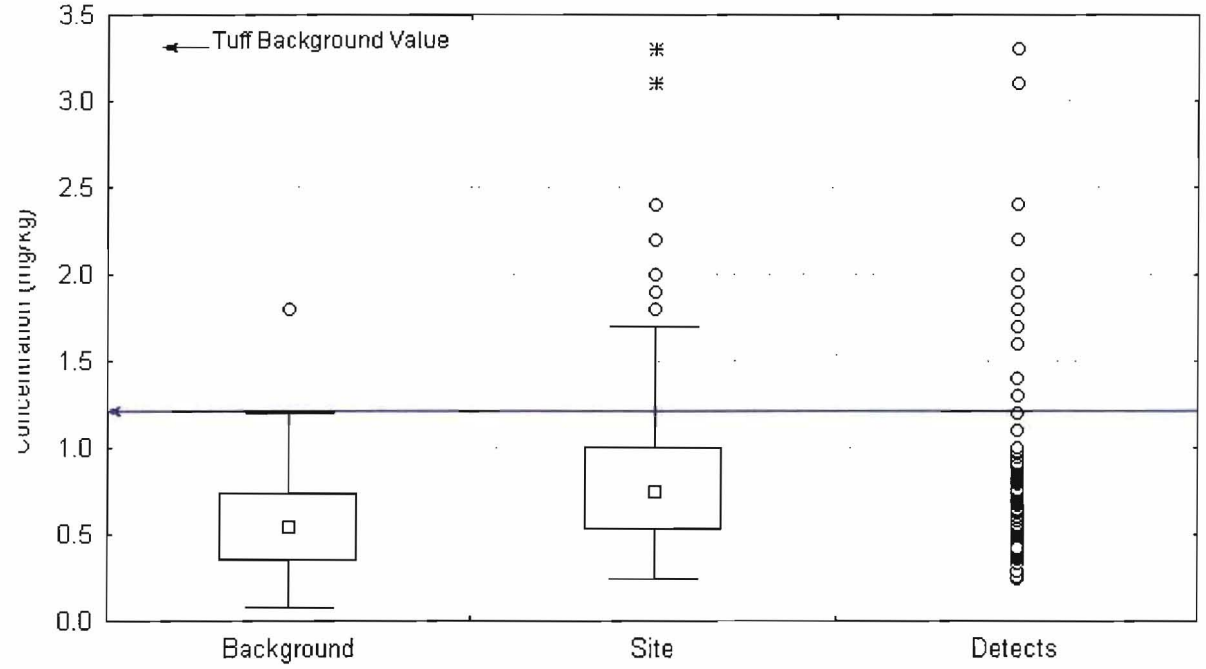


Figure B-6a

Box-and-Whisker Background Comparison for Cadmium in the Biological Zone

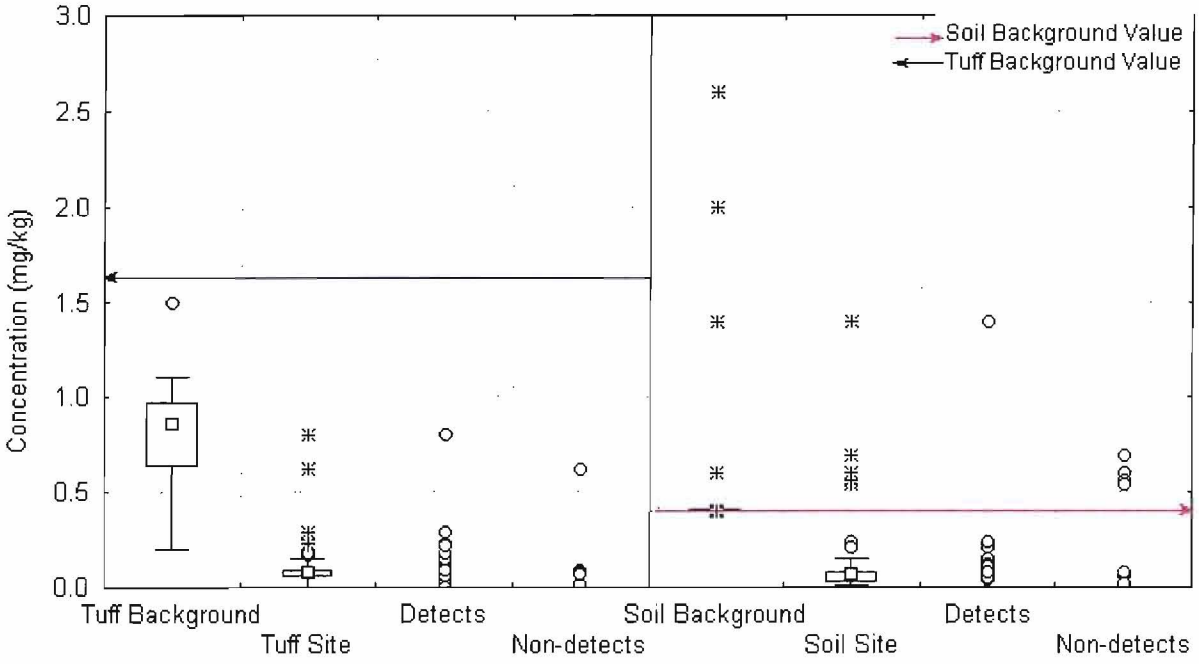


Figure B-6b

Box-and-Whisker Background Comparison for Cadmium in the Exposed Tuff Zone

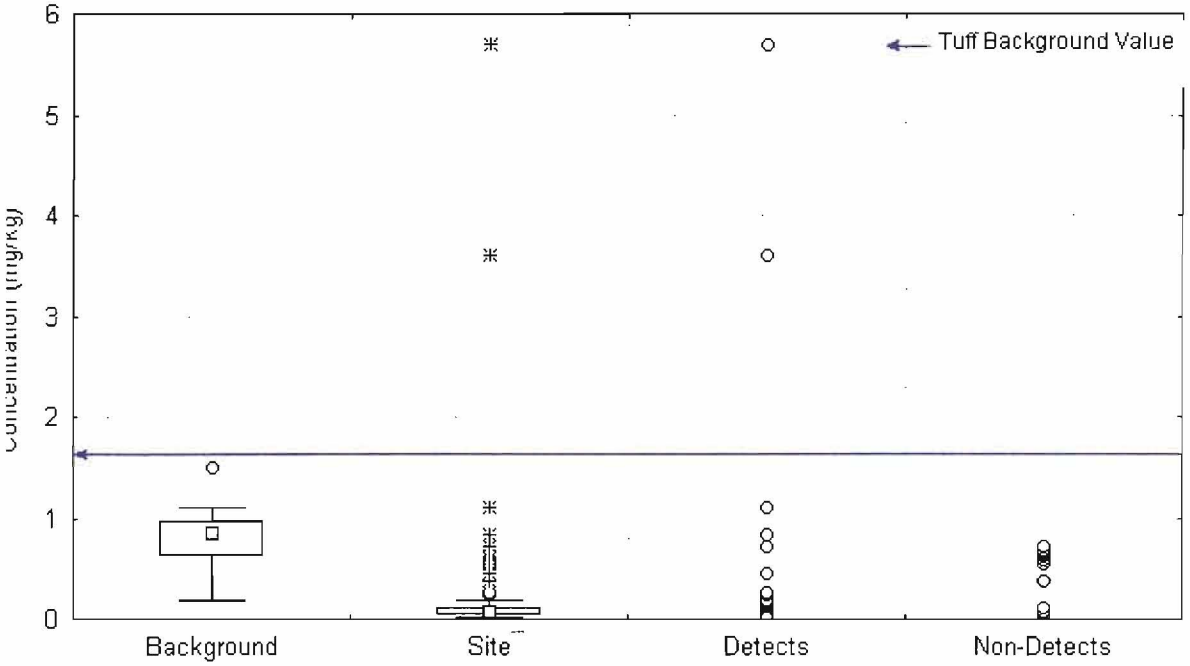


Figure B-7a
Box-and-Whisker Background Comparison for Chromium in the Biological Zone

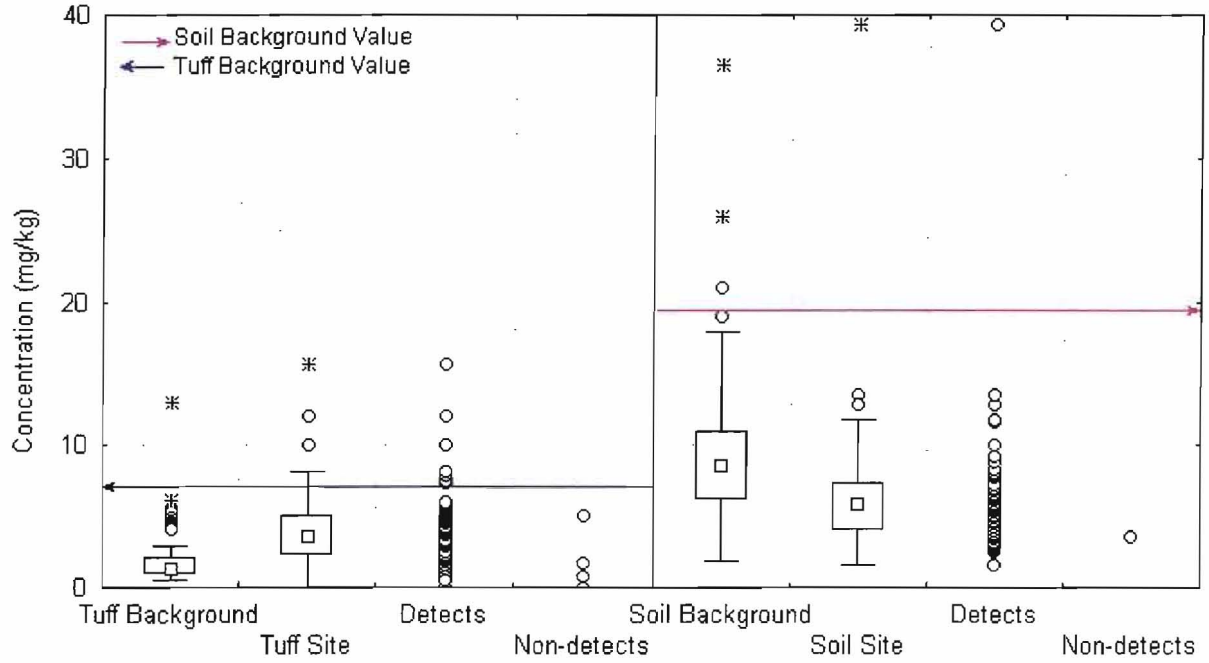


Figure B-7b
Box-and-Whisker Background Comparison for Chromium in the Exposed Tuff Zone

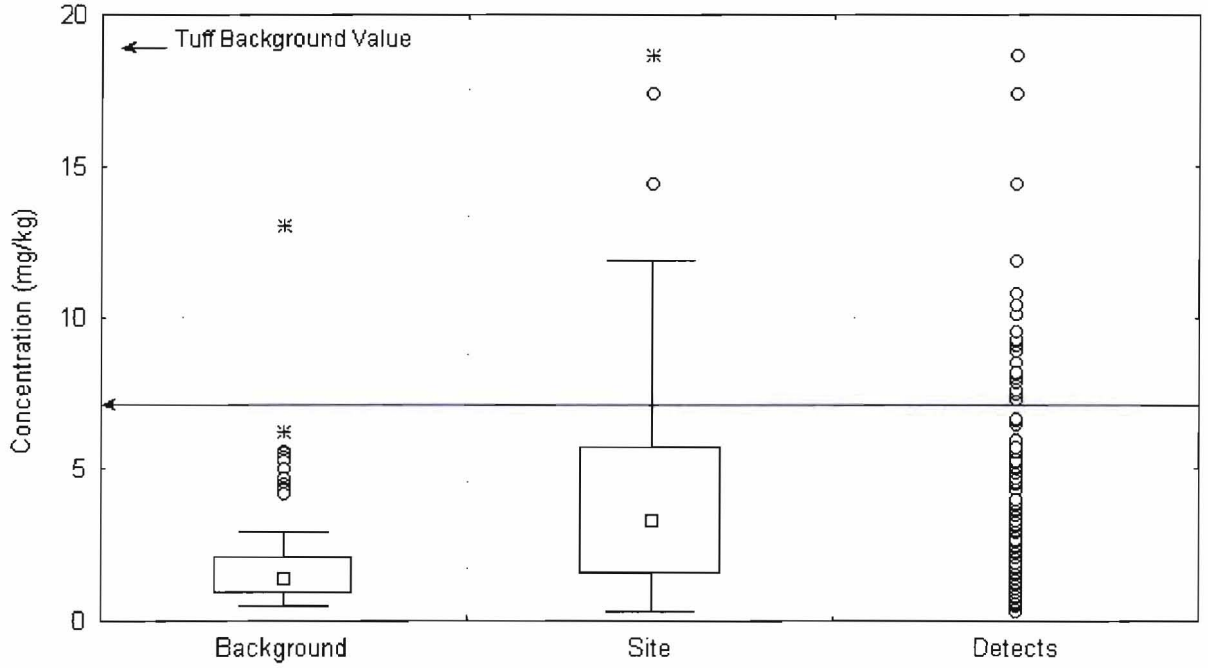


Figure B-8a

Box-and-Whisker Background Comparison for Cobalt in the Biological Zone

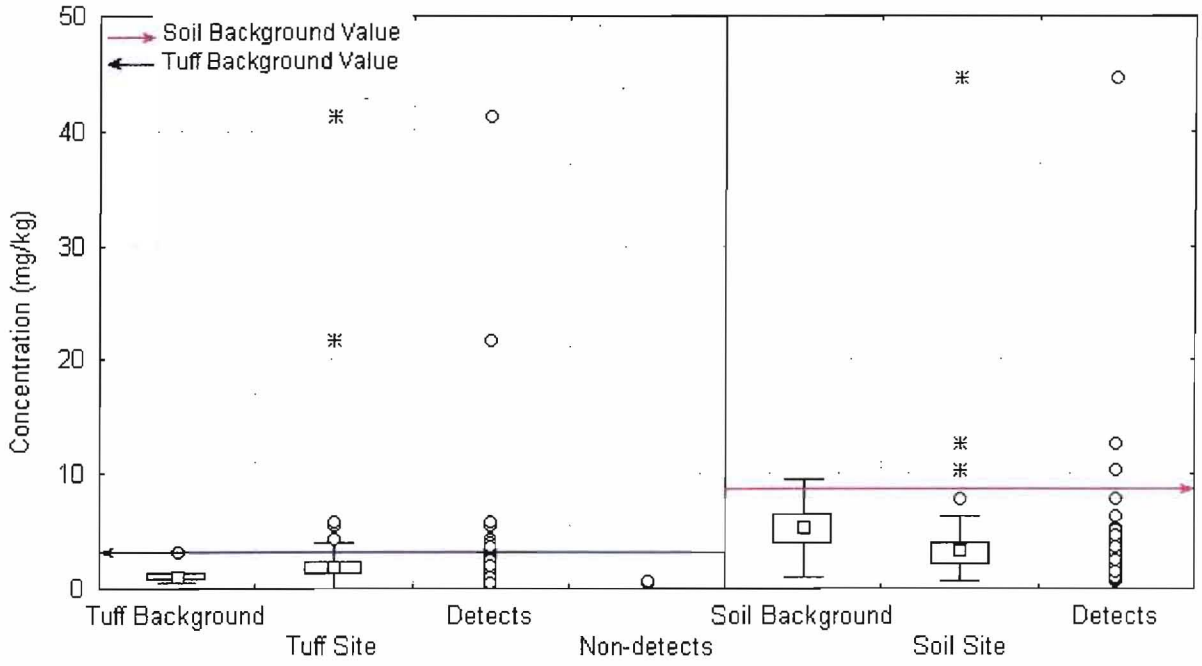


Figure B-8b

Box-and-Whisker Background Comparison for Cobalt in the Exposed Tuff Zone

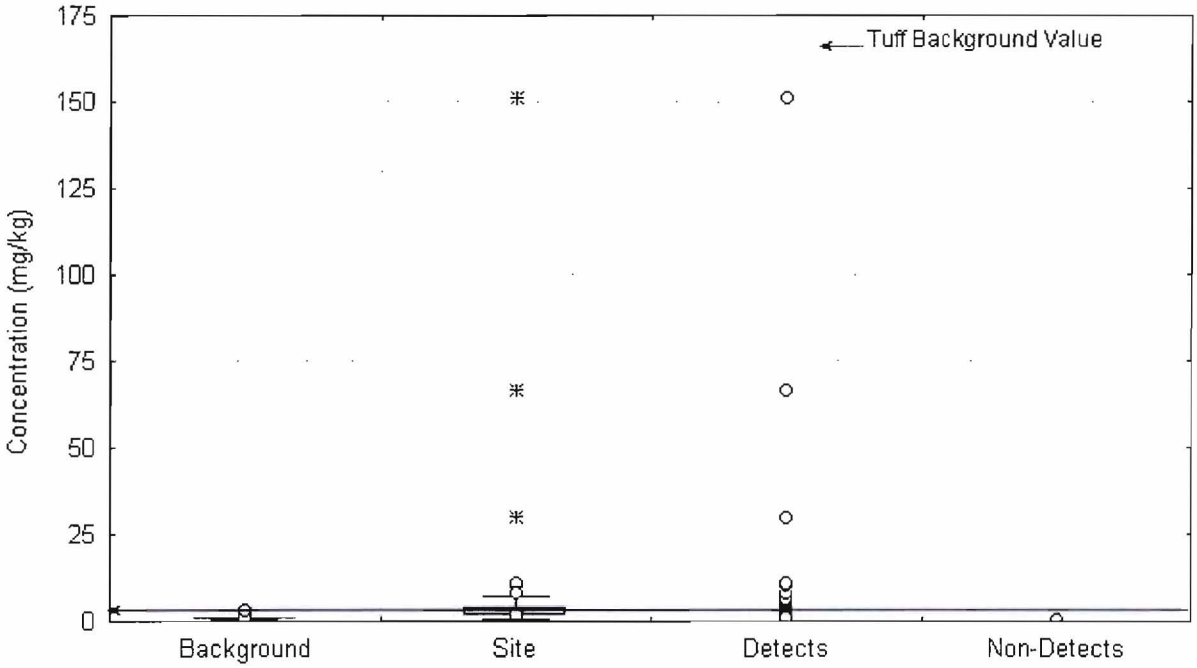


Figure B-9a

Box-and-Whisker Background Comparison for Copper in the Biological Zone

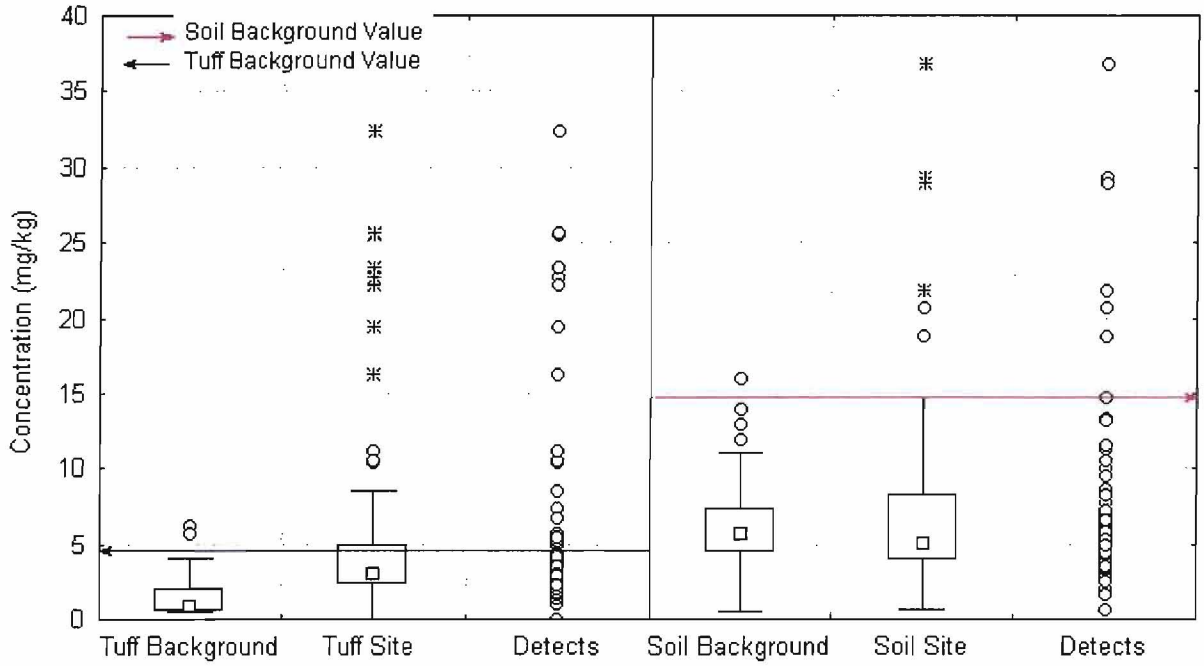


Figure B-9b

Box-and-Whisker Background Comparison for Copper in the Exposed Tuff Zone

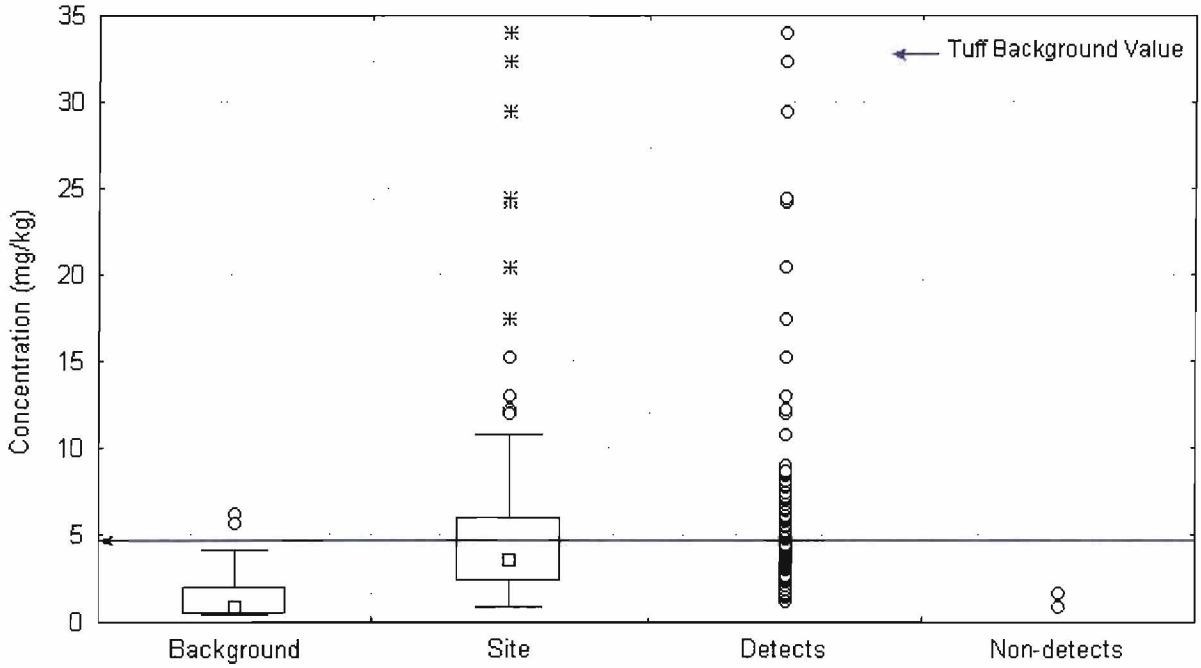


Figure B-10a
Box-and-Whisker Background Comparison for Iron in the Biological Zone

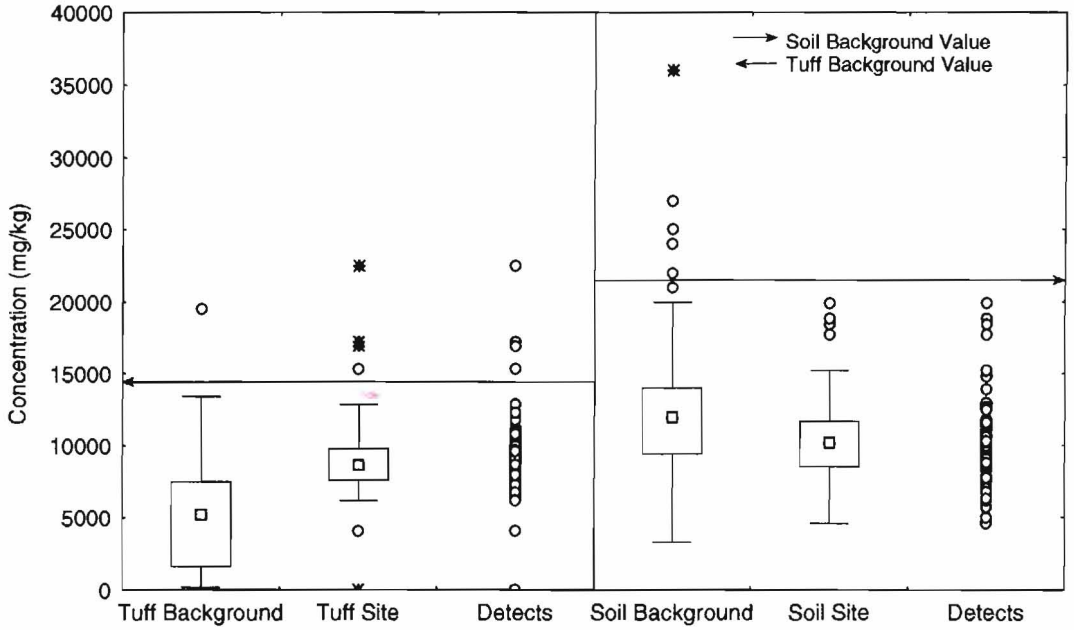


Figure B-10b
Box-and-Whisker Background Comparison for Iron in the Exposed Tuff Zone

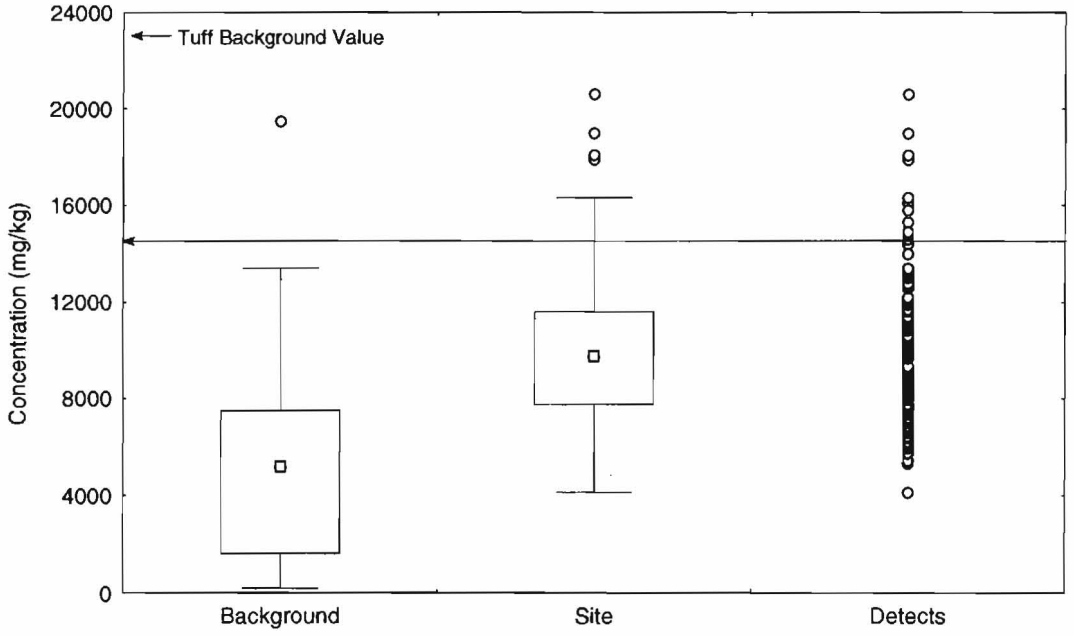


Figure B-11a
Box-and-Whisker Background Comparison for Lead in the Biological Zone

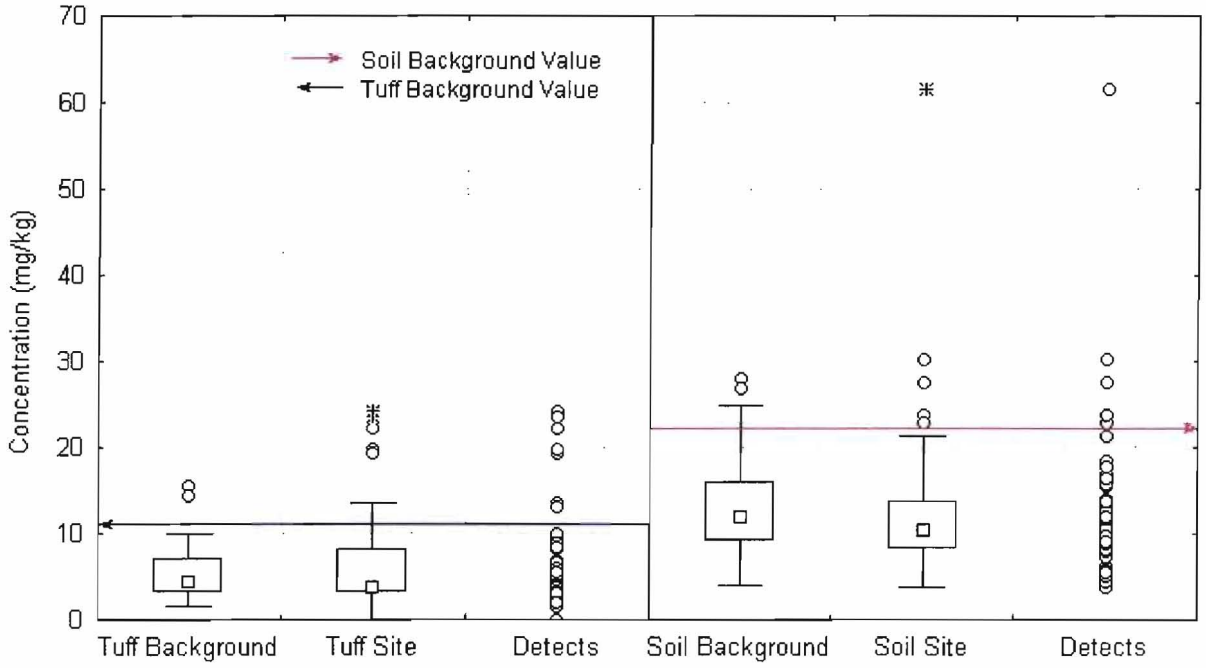


Figure B-11b
Box-and-Whisker Background Comparison for Lead in the Exposed Tuff Zone

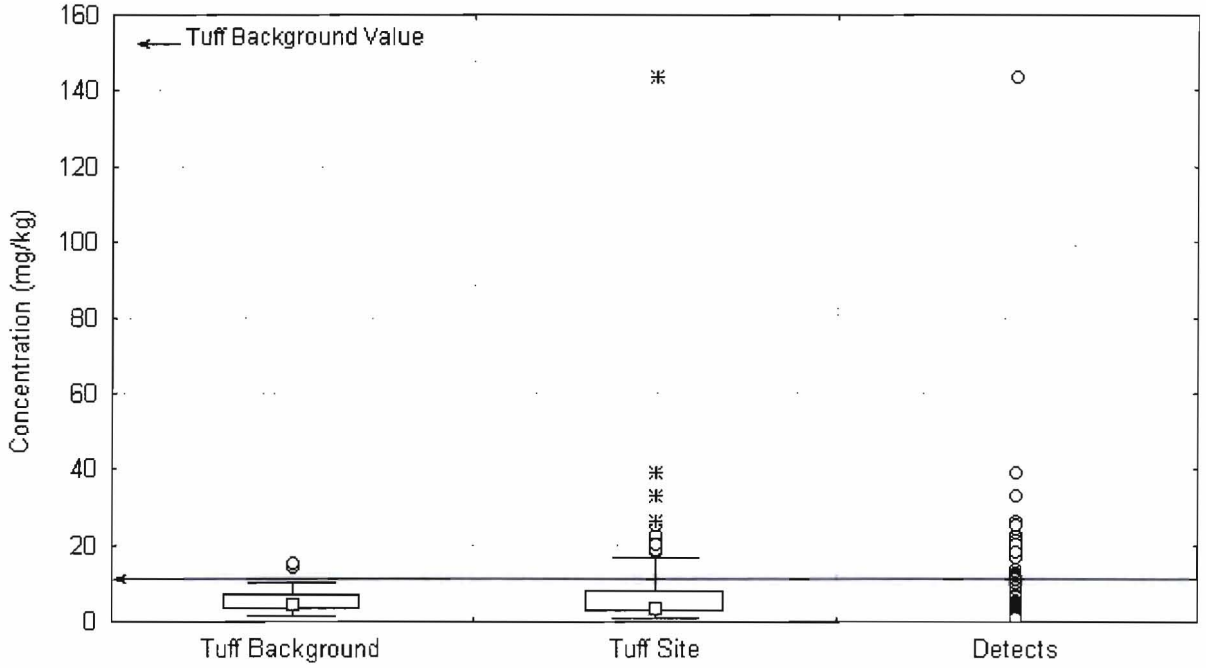


Figure B-12a

Box-and-Whisker Background Comparison for Manganese in the Biological Zone

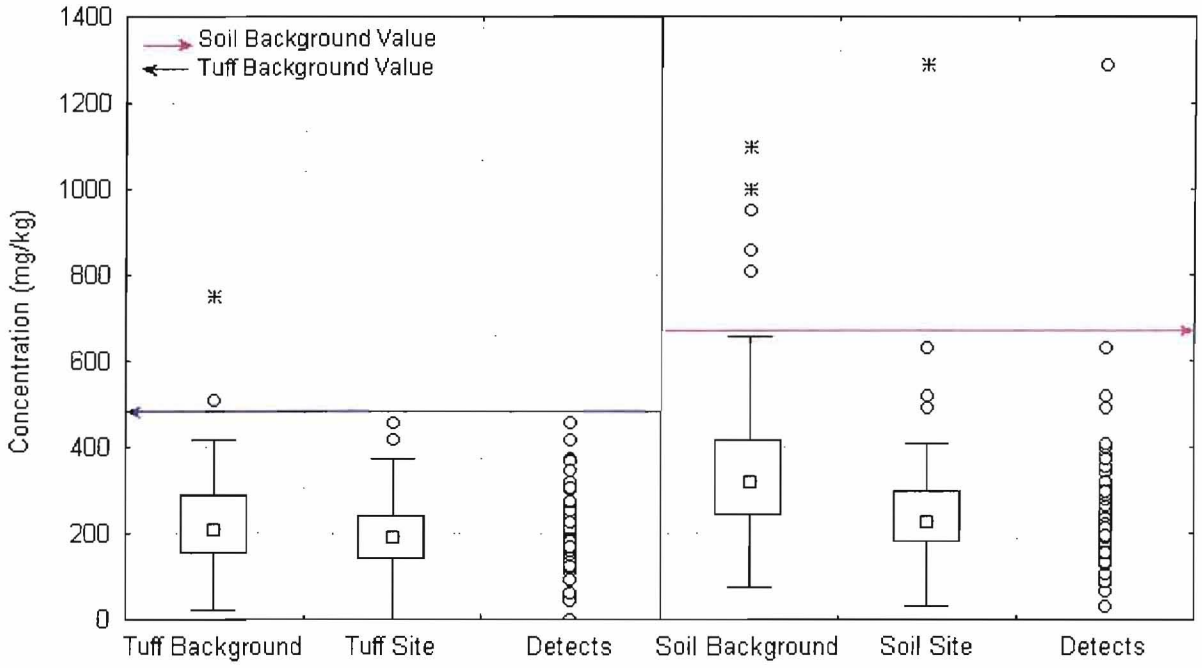


Figure B-12b

Box-and-Whisker Background Comparison for Manganese in the Exposed Tuff Zone

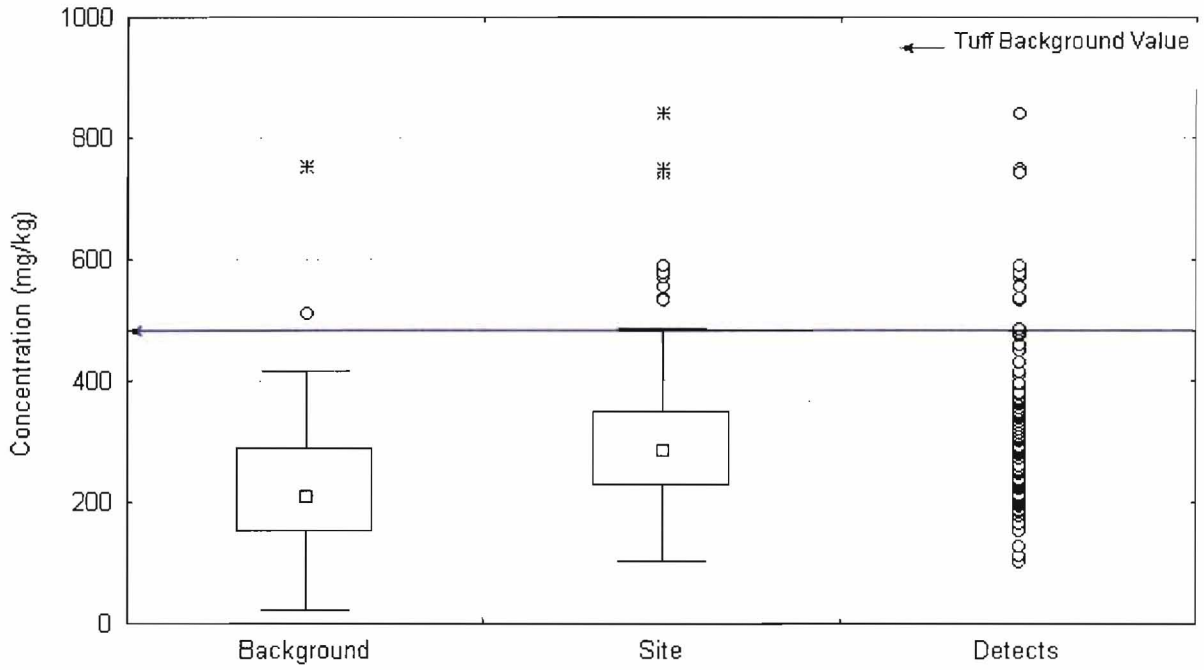
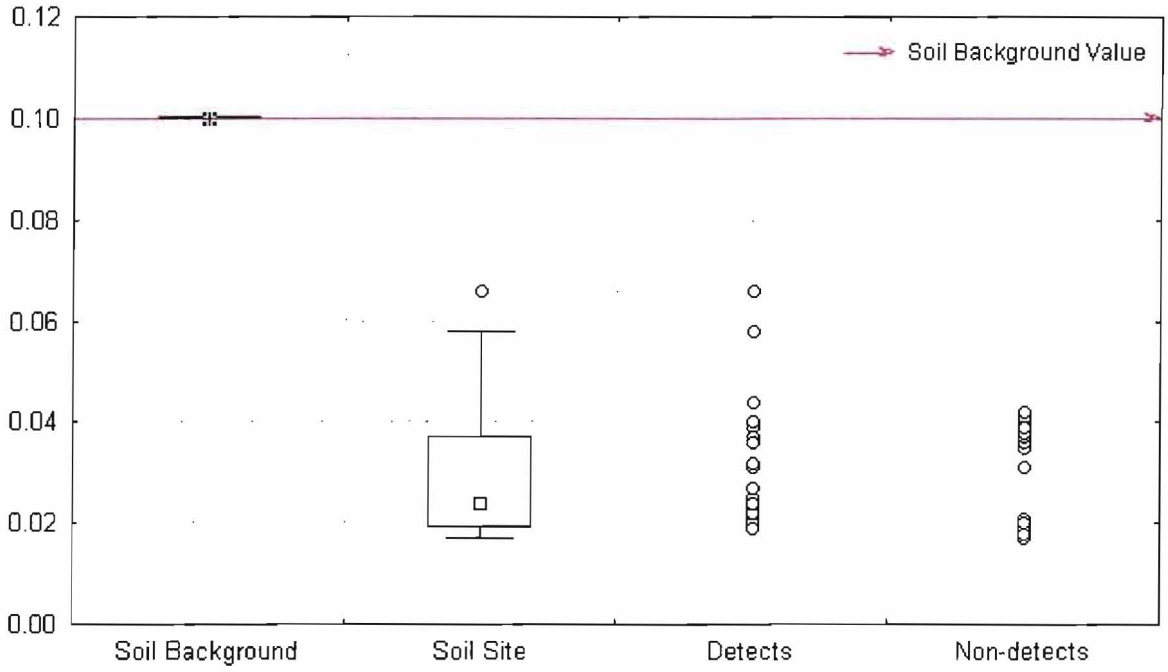


Figure B-13a
Box-and-Whisker Background Comparison for Mercury in the Biological Zone



Background for mercury in the exposed tuff was not available.

Figure B-14a

Box-and-Whisker Background Comparison for Nickel in the Biological Zone

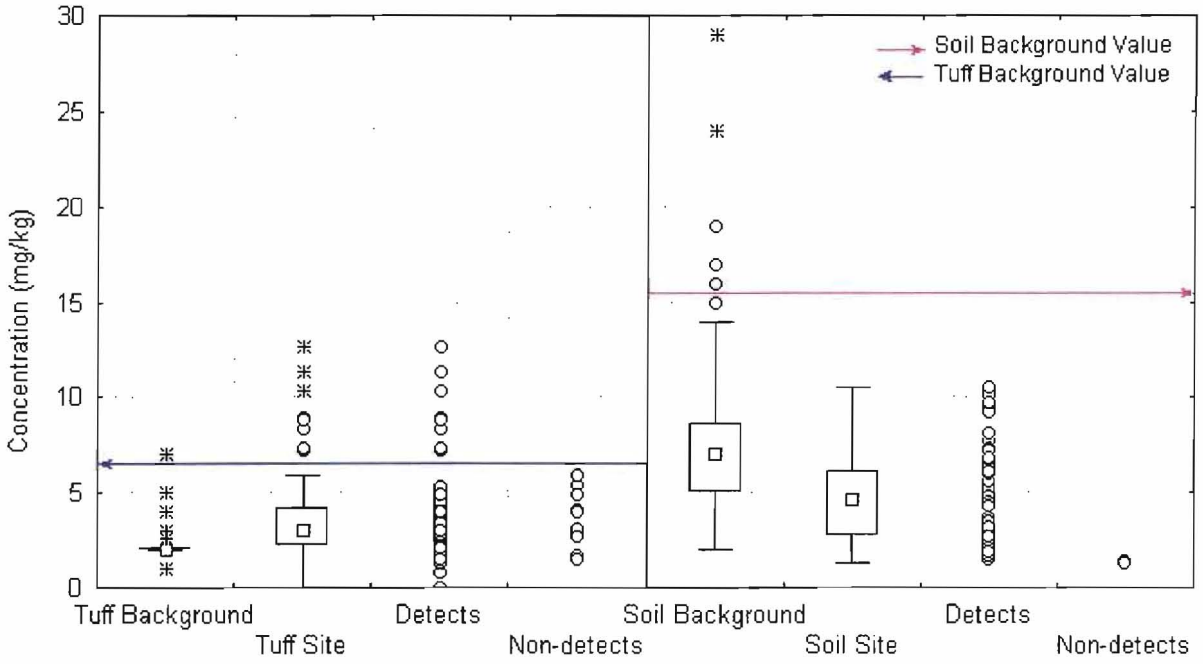


Figure B-14b

Box-and-Whisker Background Comparison for Nickel in the Exposed Tuff Zone

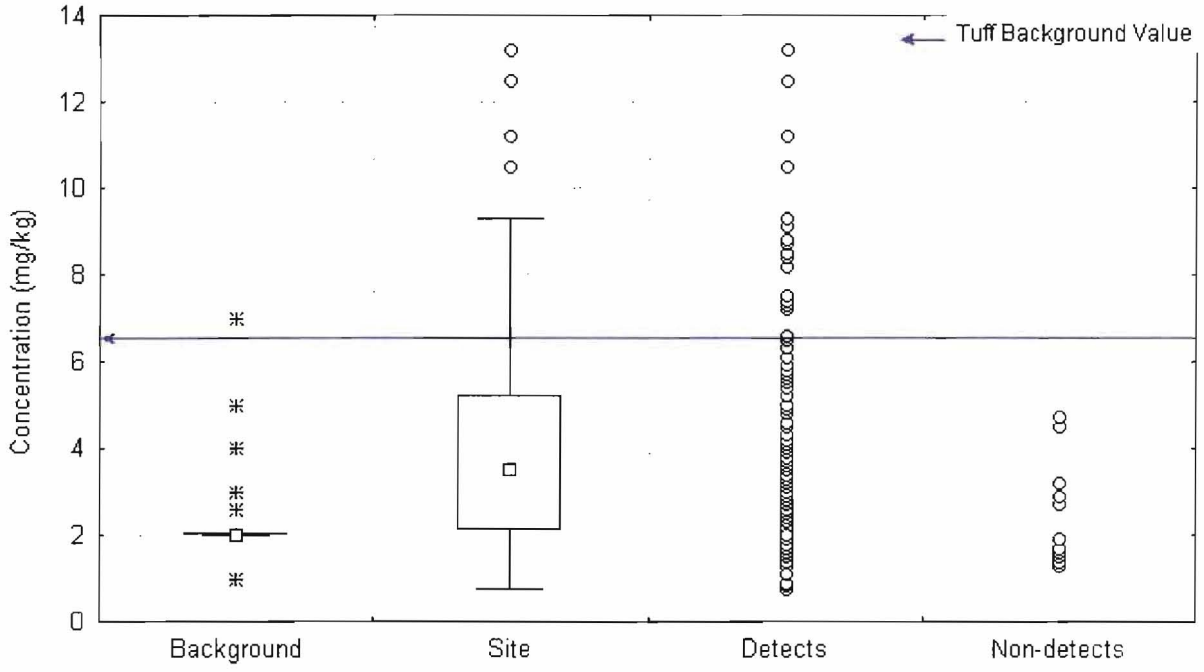


Figure B-15a
Box-and-Whisker Background Comparison for Selenium in the Biological Zone

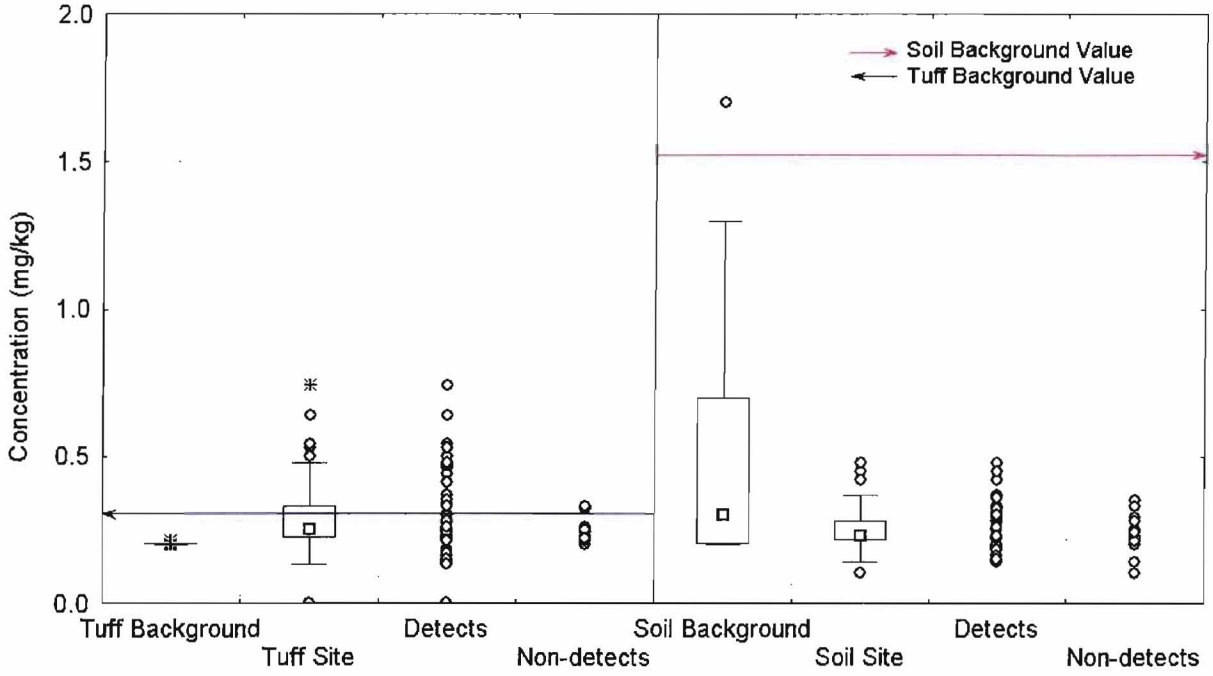


Figure B-15b
Box-and-Whisker Background Comparison for Selenium in the Exposed Tuff Zone

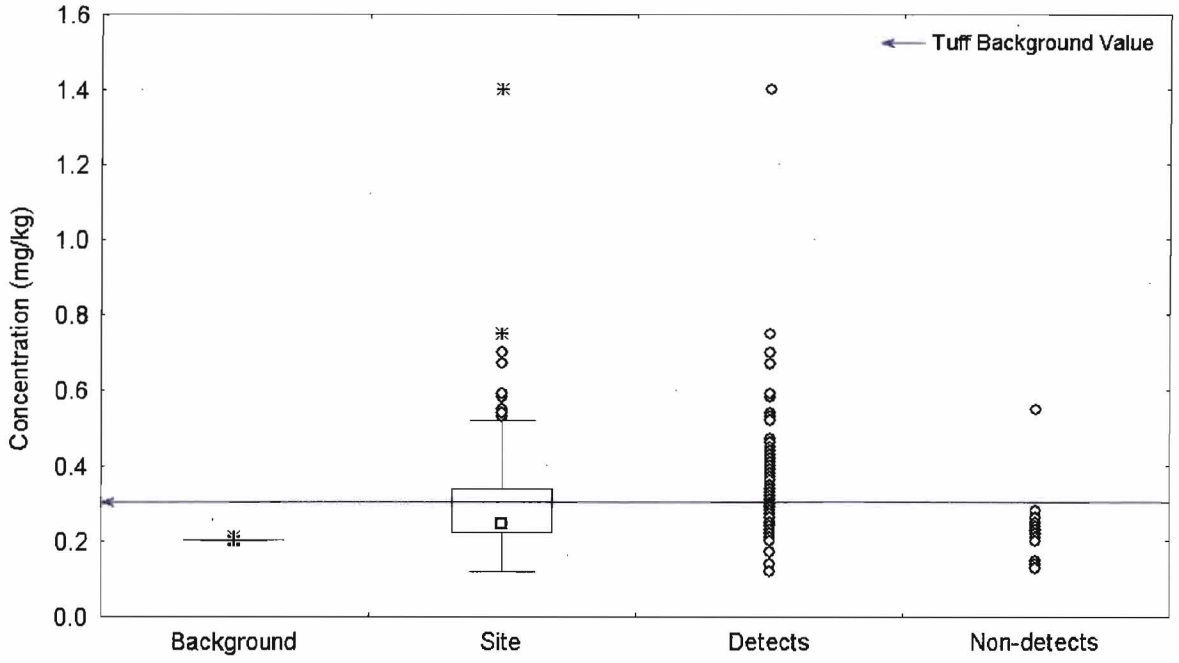


Figure B-16a
Box-and-Whisker Background Comparison for Silver in the Biological Zone

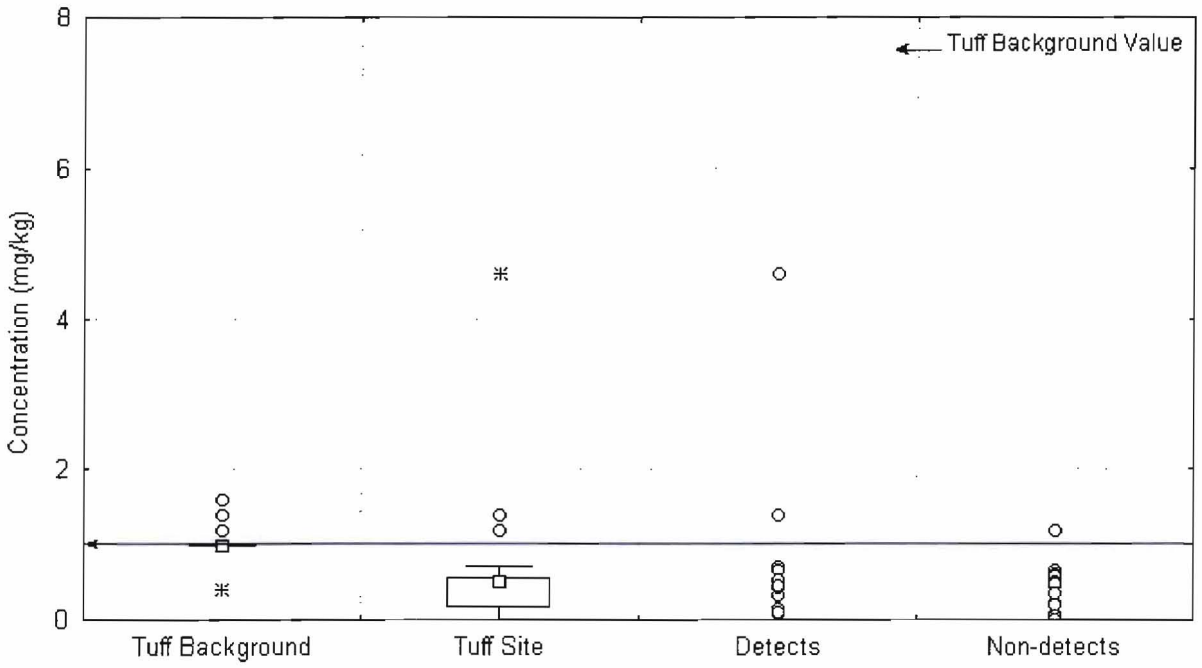


Figure B-16b
Box-and-Whisker Background Comparison for Silver in the Exposed Tuff Zone

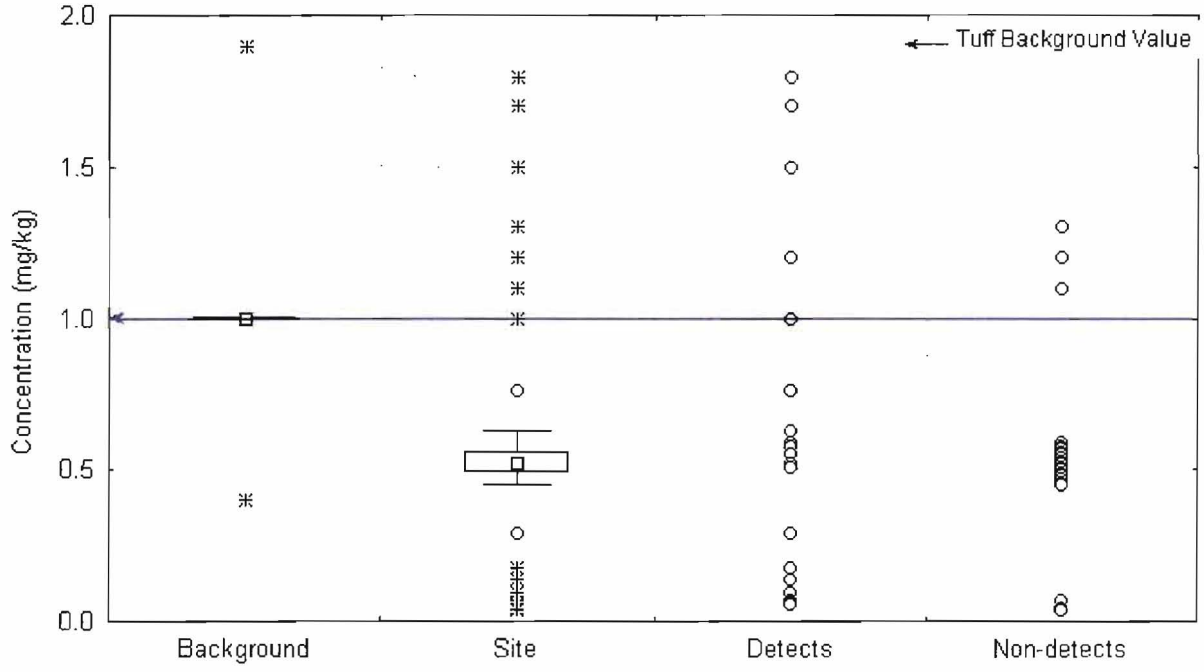


Figure B-17a

Box-and-Whisker Background Comparison for Thallium in the Biological Zone

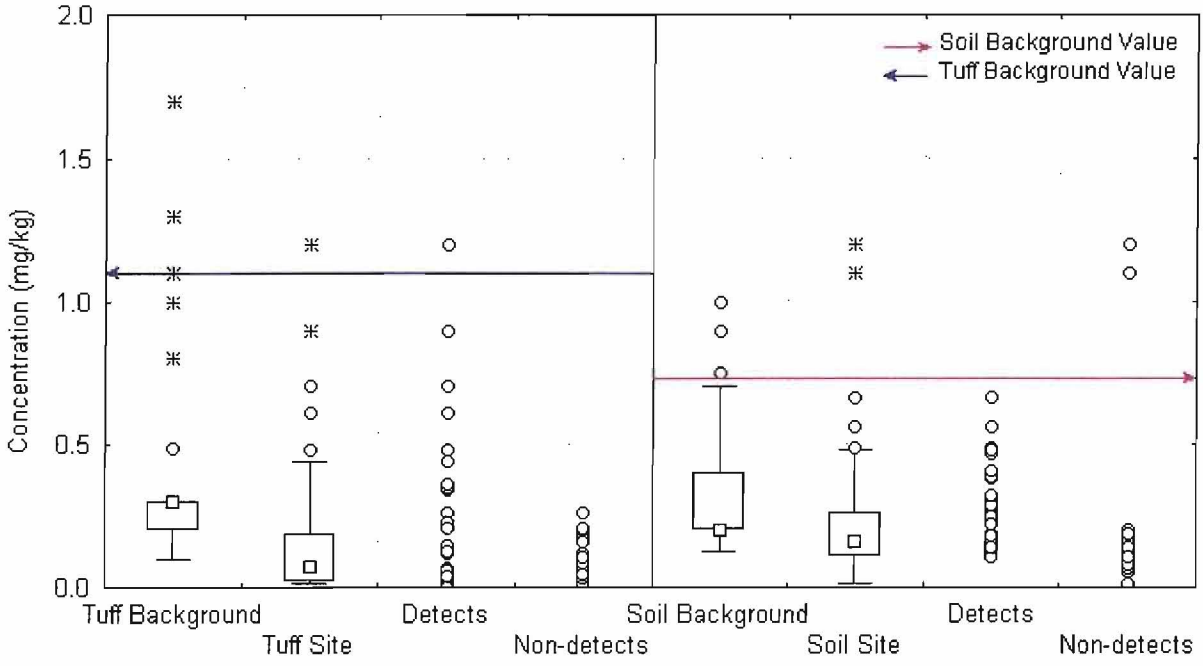


Figure B-17b

Box-and-Whisker Background Comparison for Thallium in the Exposed Tuff Zone

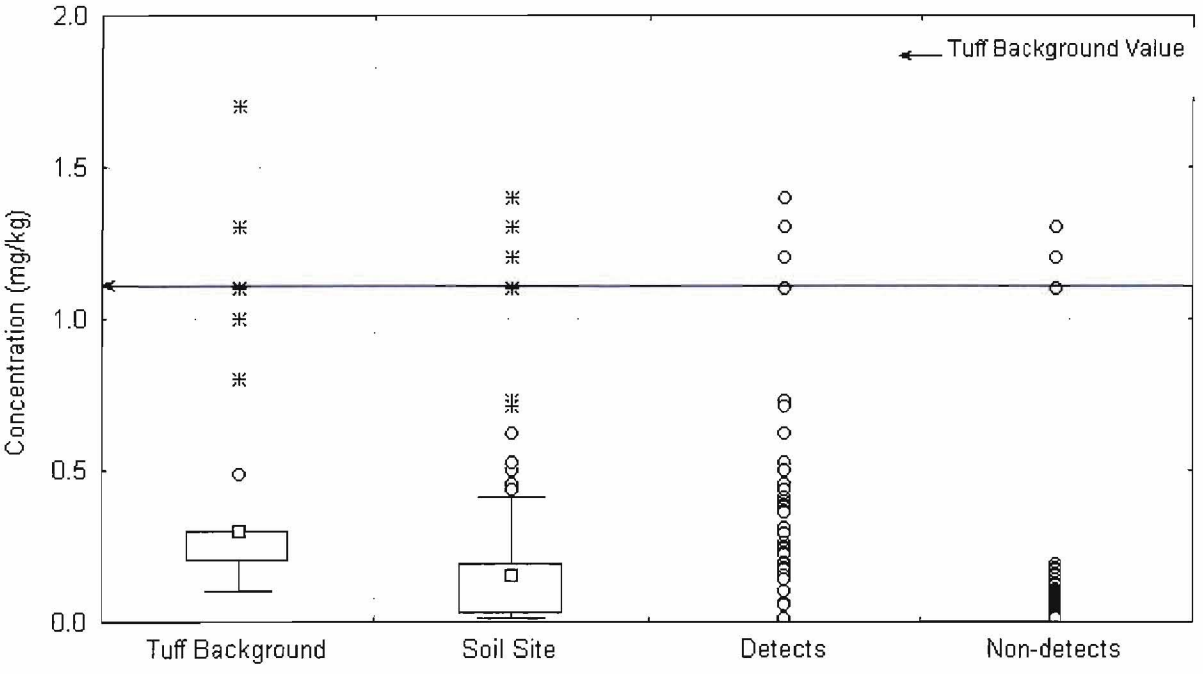


Figure B-18a

Box-and-Whisker Background Comparison for Vanadium in the Biological Zone

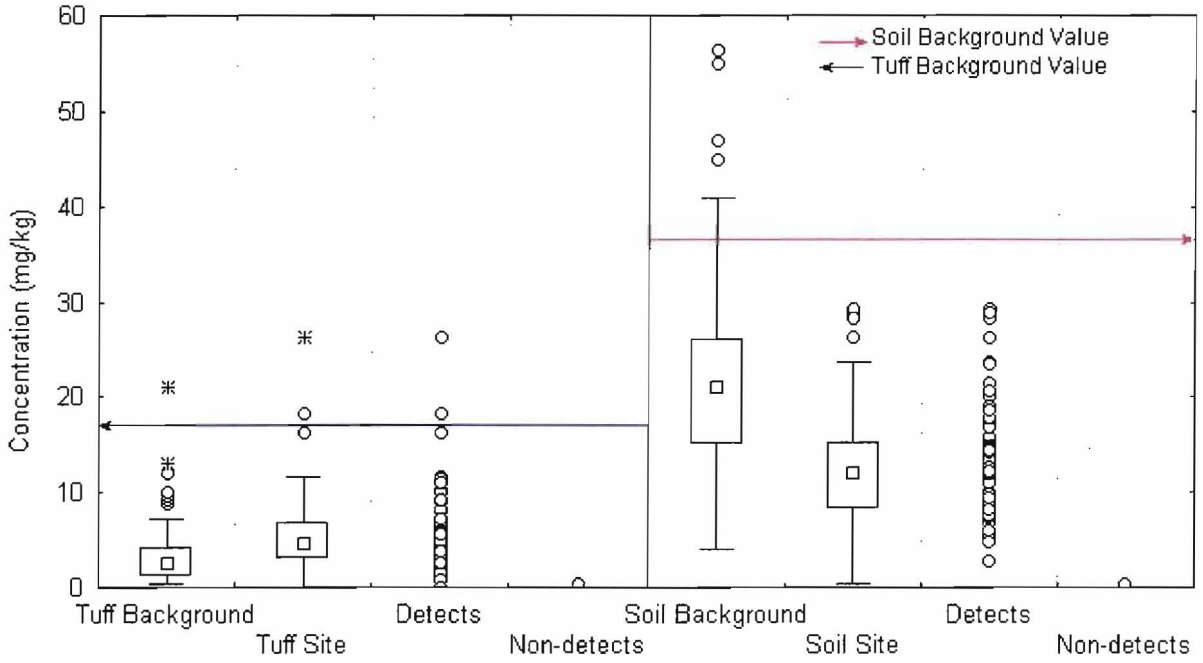


Figure B-18b

Box-and-Whisker Background Comparison for Vanadium in the Exposed Tuff Zone

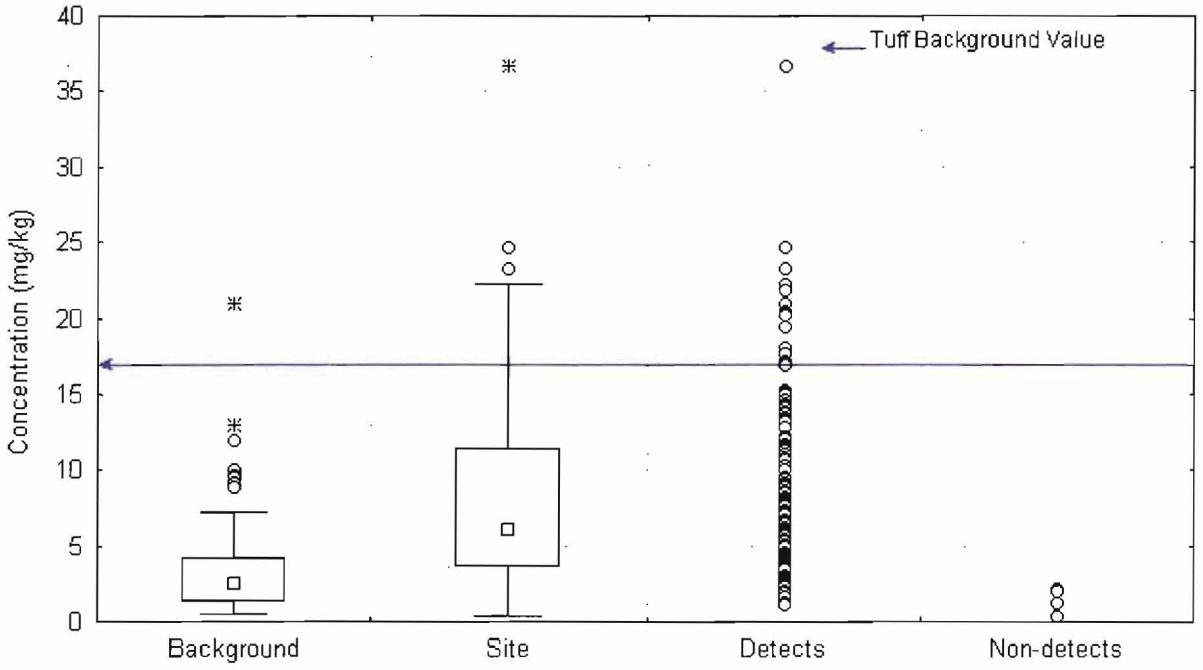


Figure B-19a
Box-and-Whisker Background Comparison for Zinc in the Biological Zone

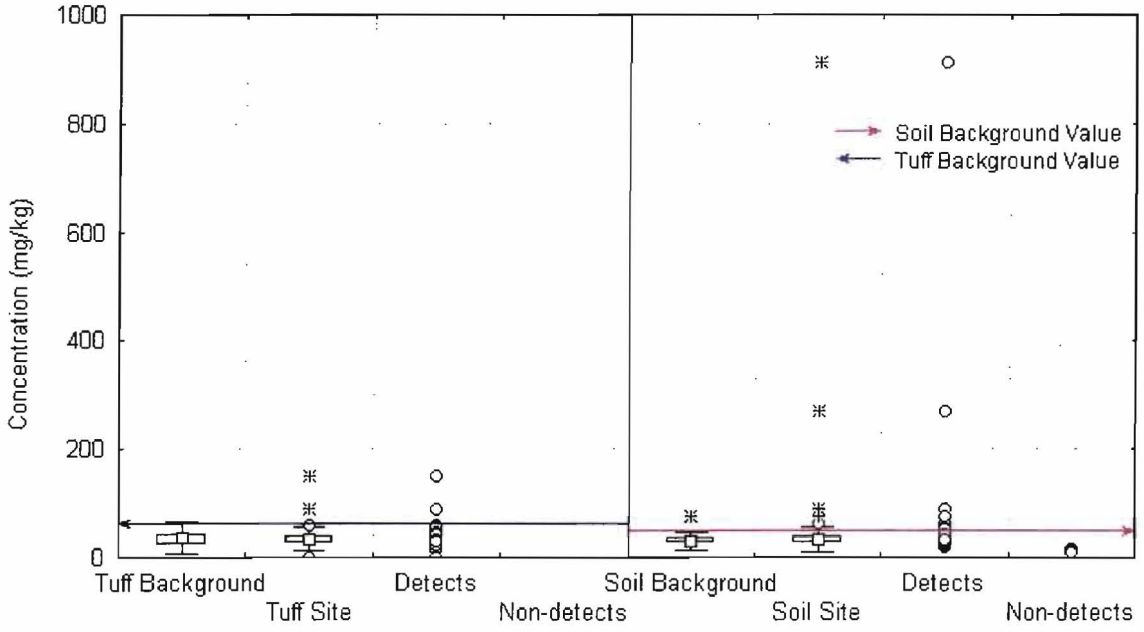


Figure B-19b
Box-and-Whisker Background Comparison for Zinc in the Exposed Tuff Zone

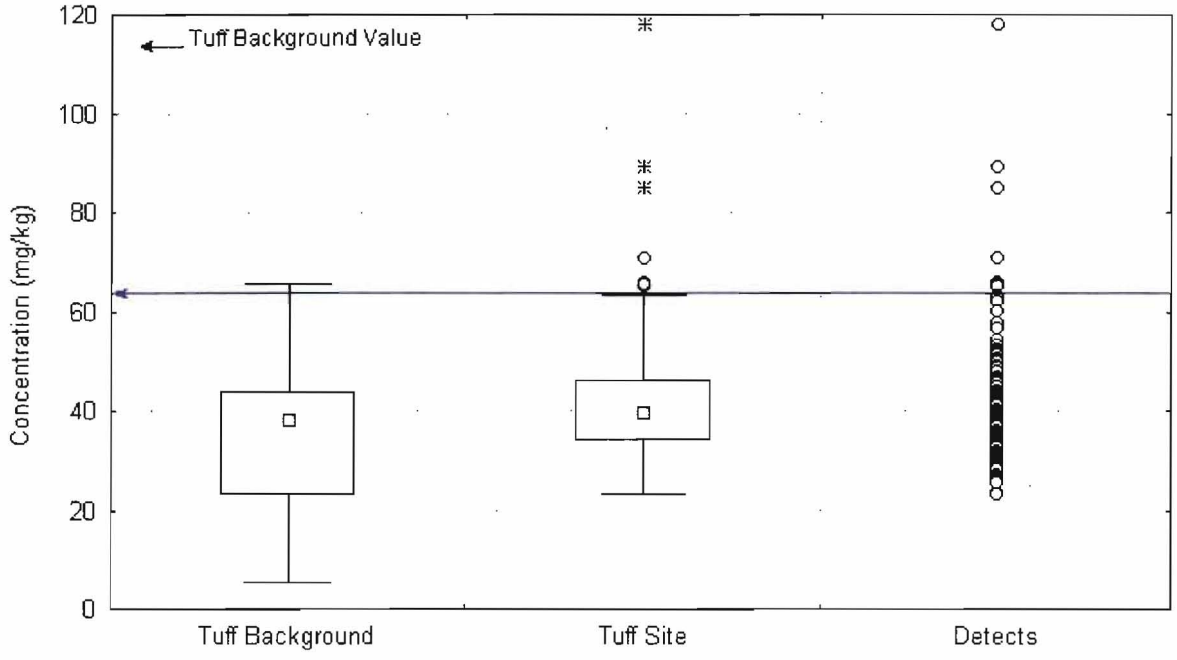
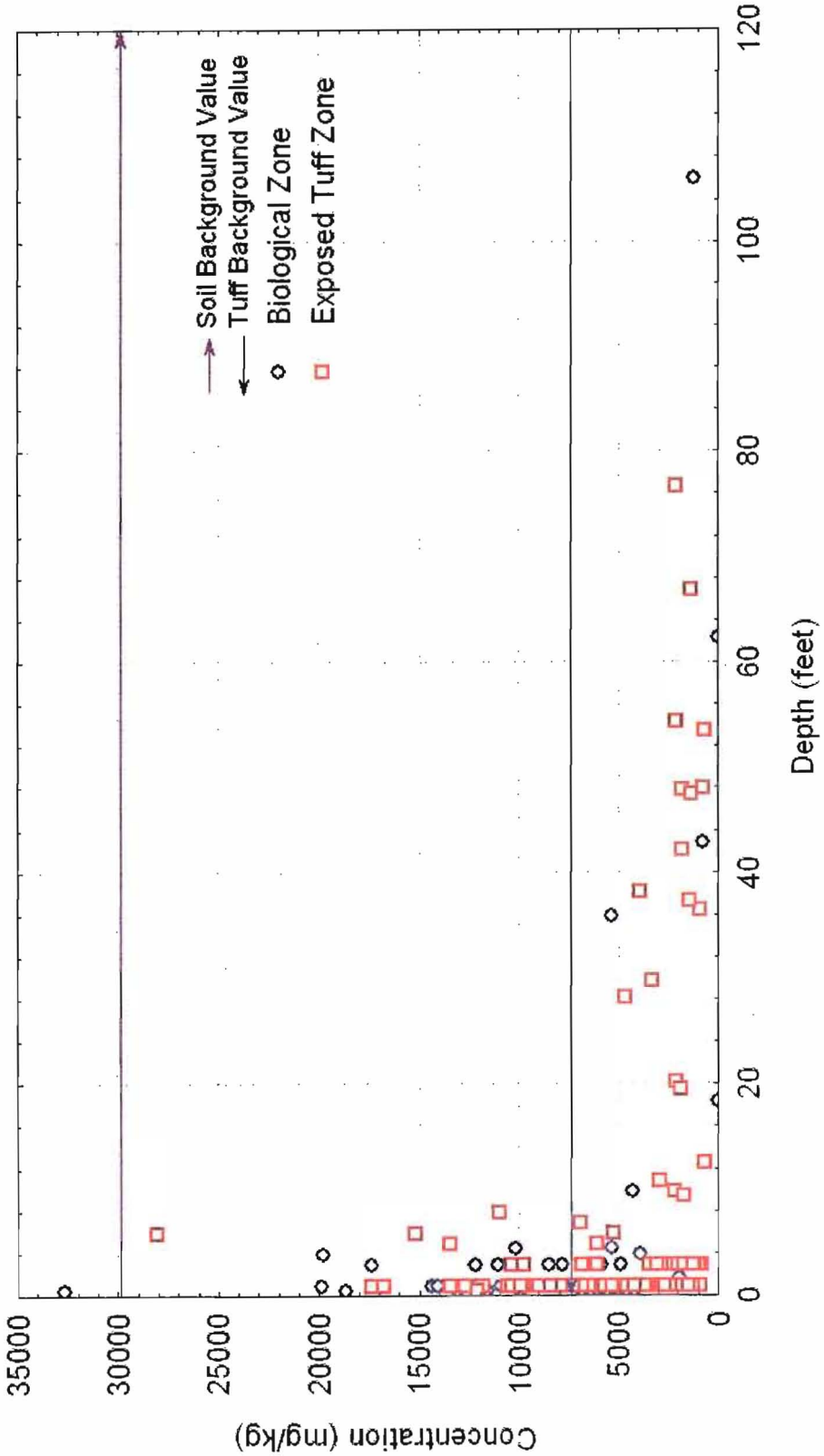


Figure B-20
Aluminum Concentrations with Depth



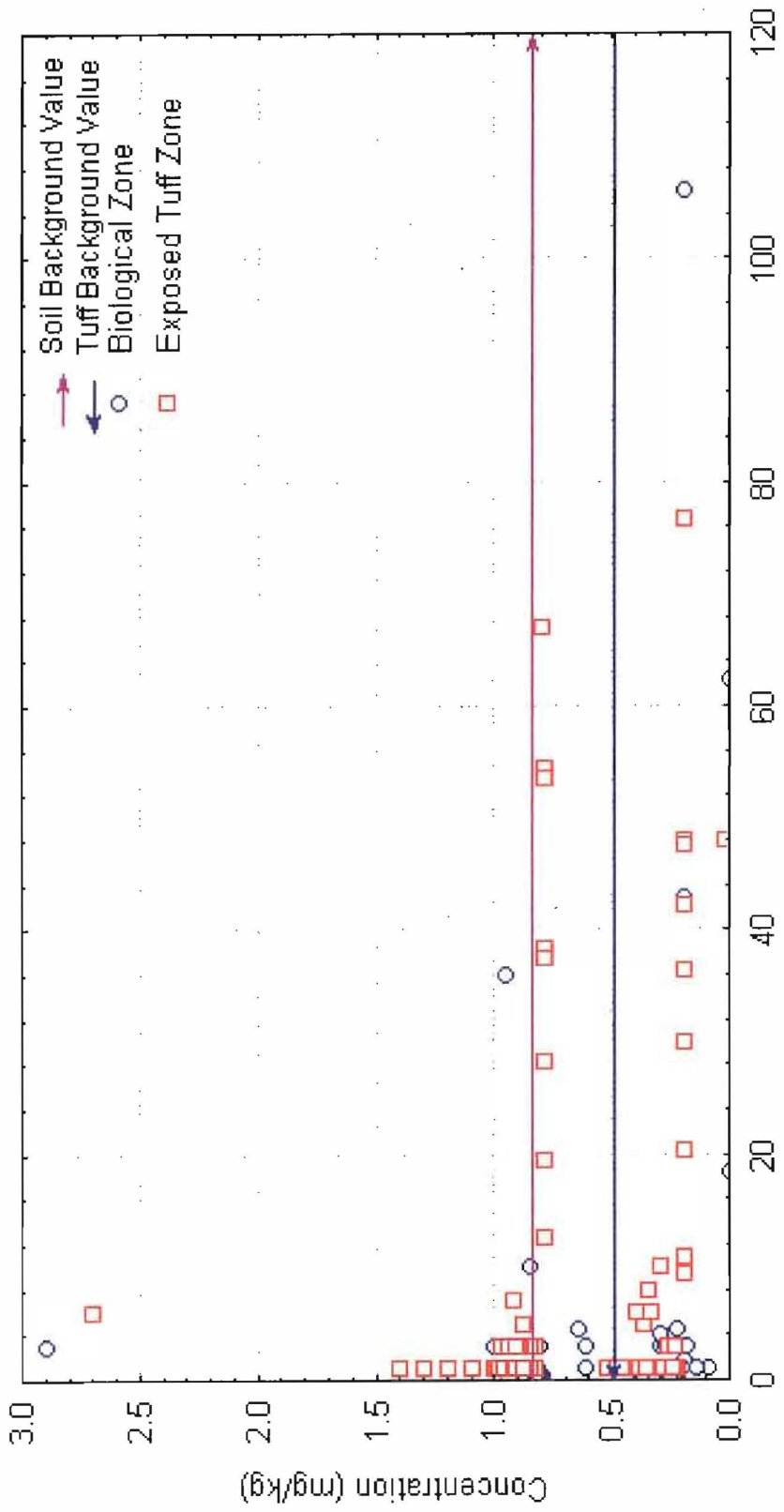
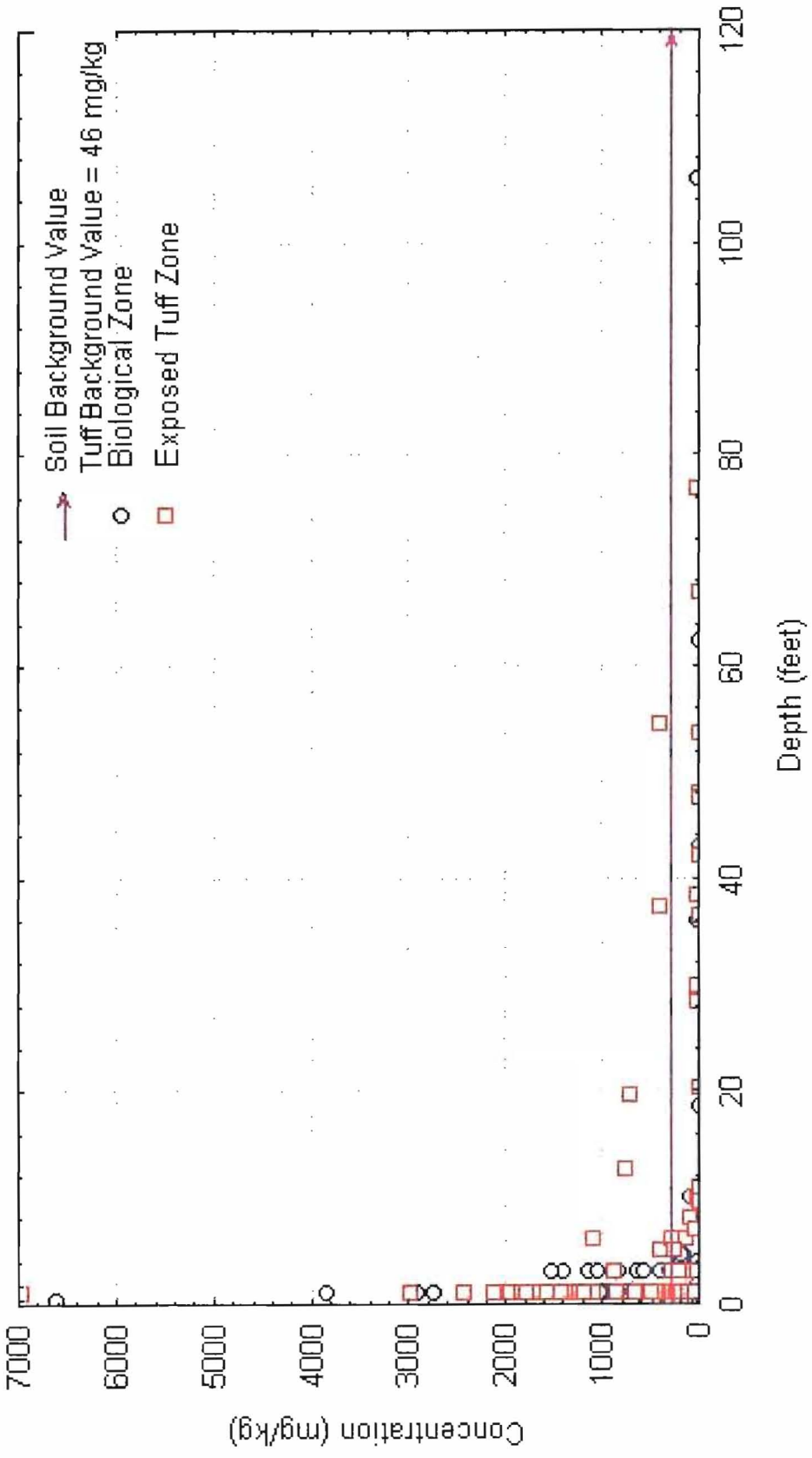


Figure B-21
Antimony Concentrations with Depth

Figure B-22
Barium Concentrations with Depth



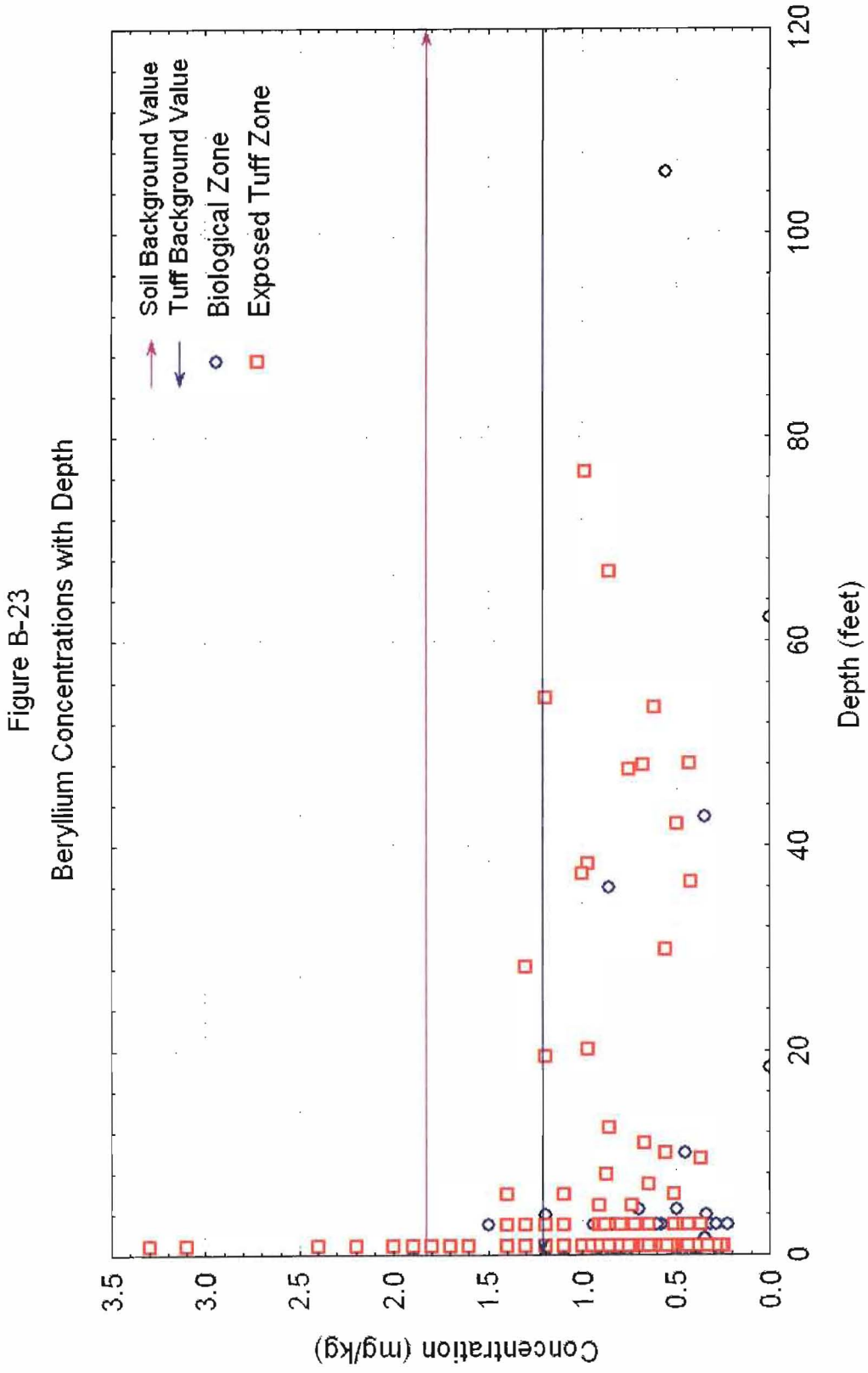
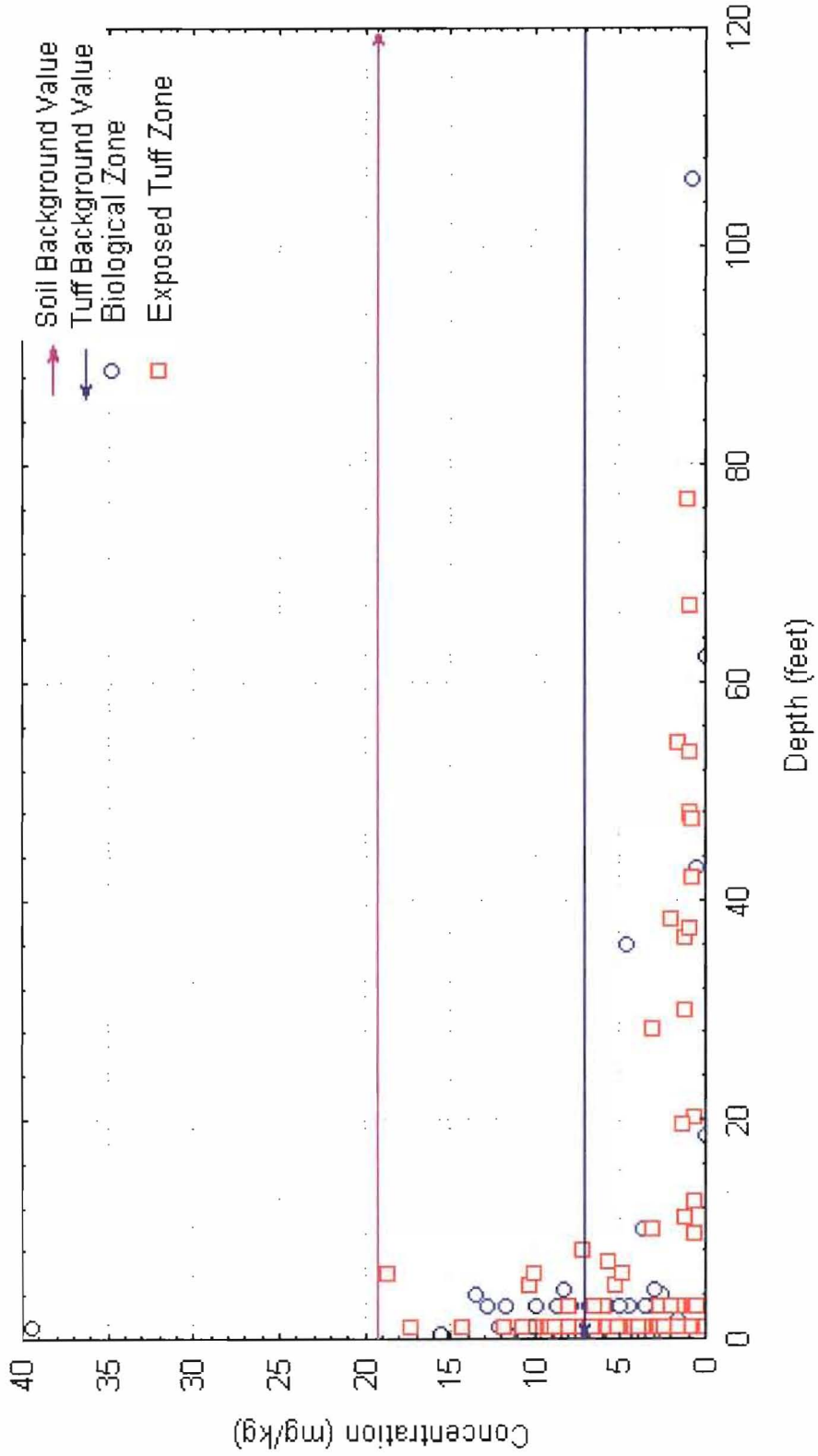


Figure B-23
Beryllium Concentrations with Depth

Figure B-24
Chromium Concentrations with Depth



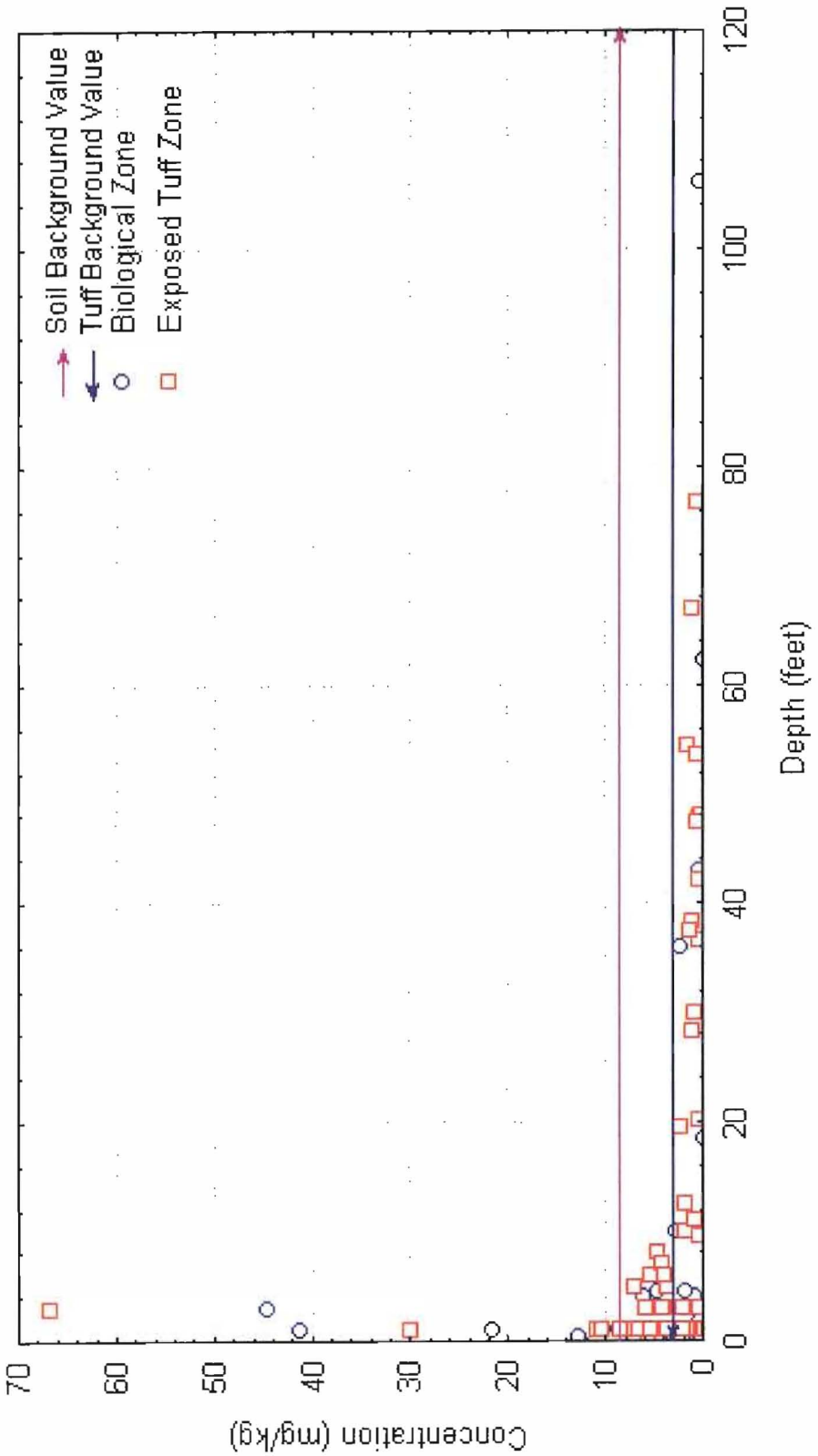


Figure B-25
Cobalt Concentrations with Depth

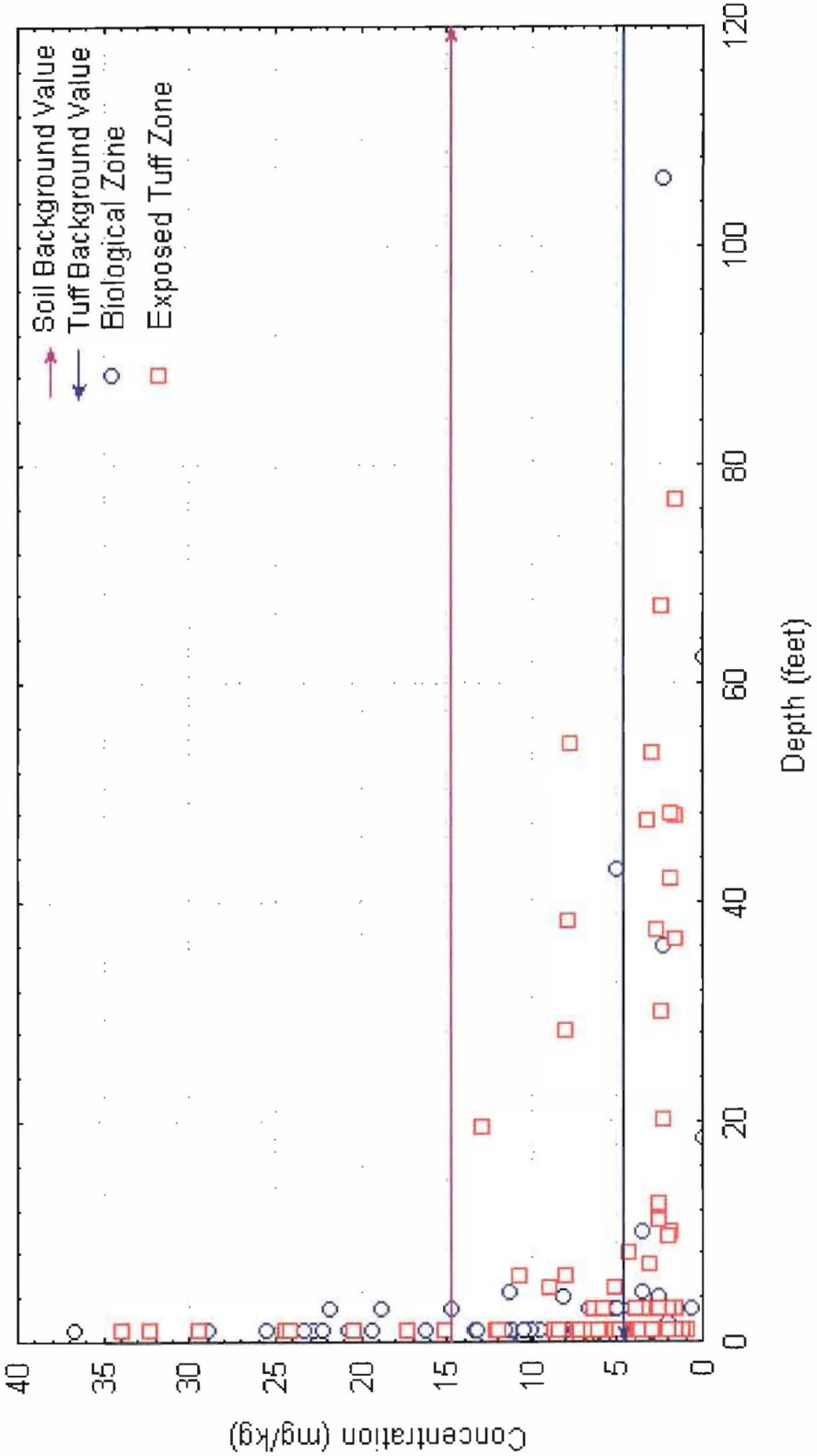


Figure B-26
Copper Concentrations with Depth

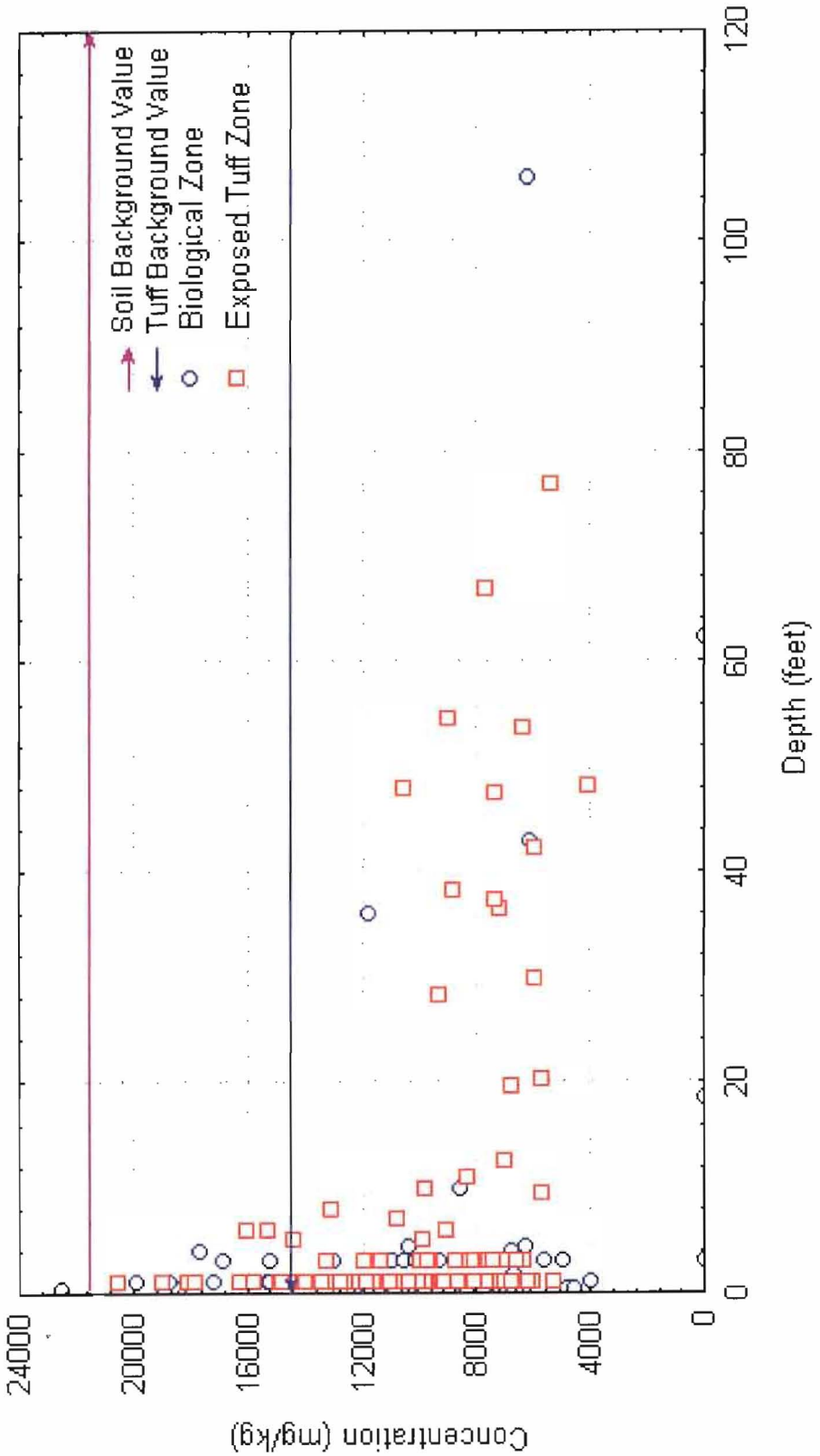
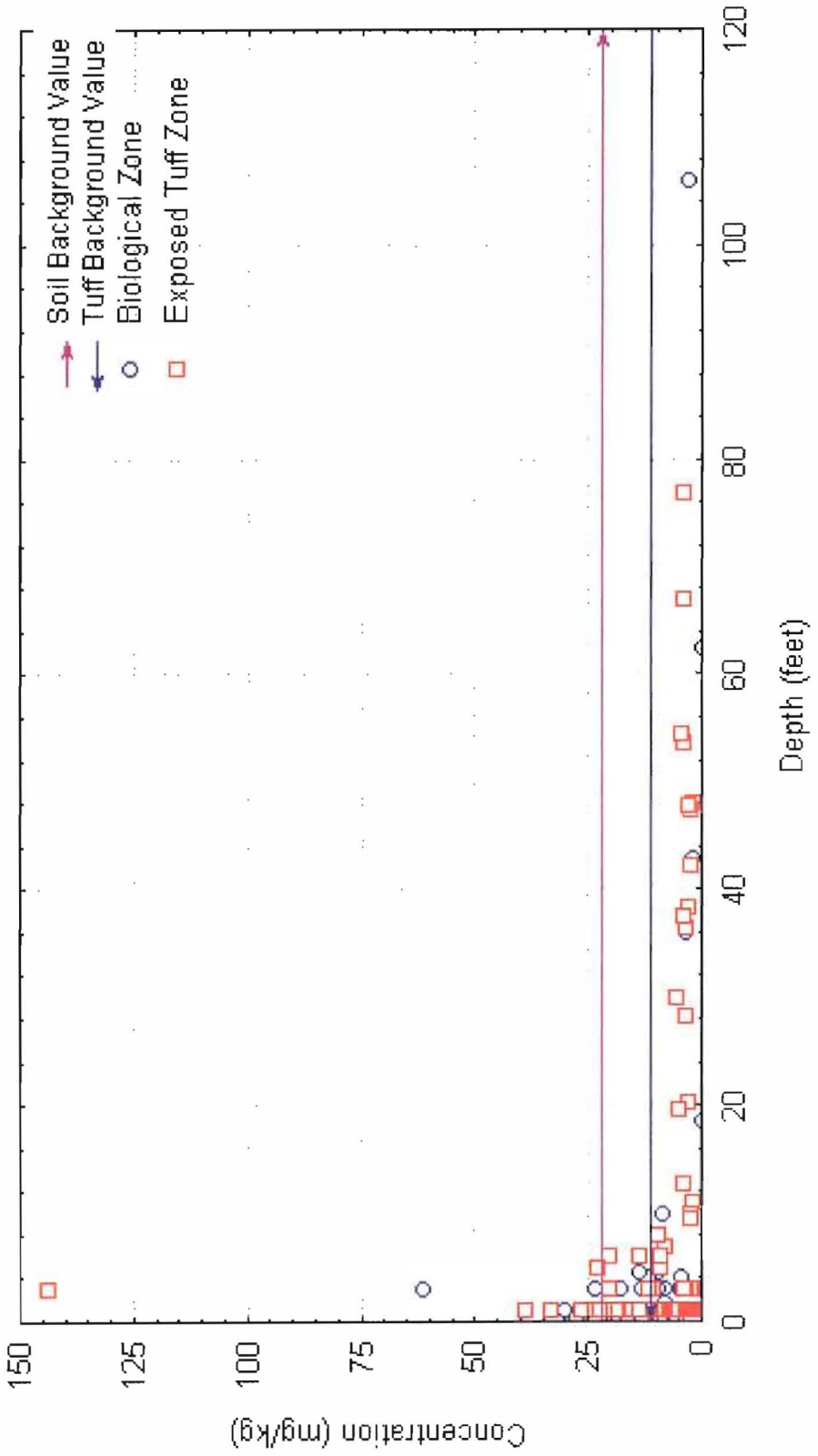


Figure B-27
Iron Concentrations with Depth

Figure B-28
Lead Concentrations with Depth



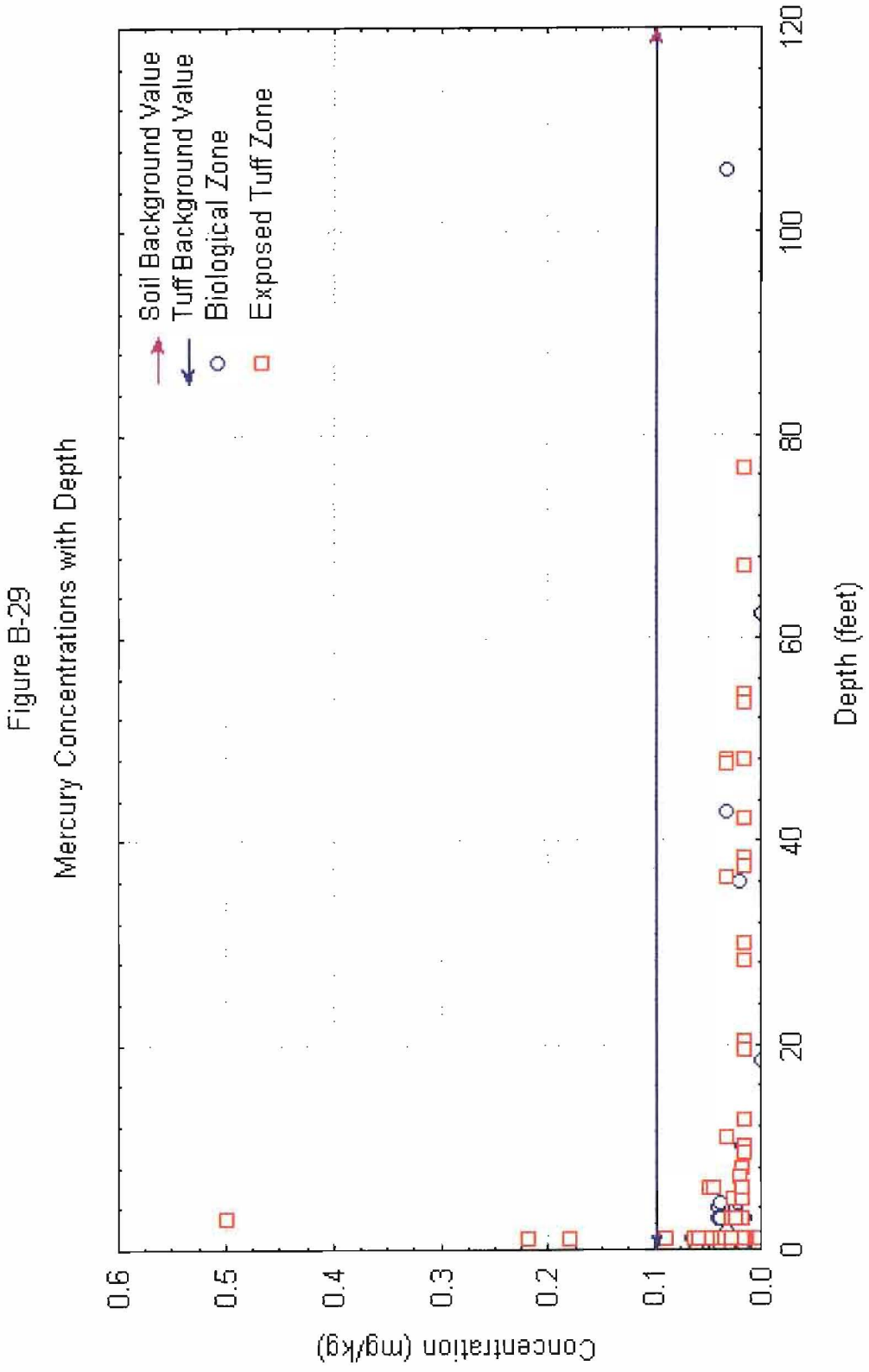


Figure B-29
Mercury Concentrations with Depth

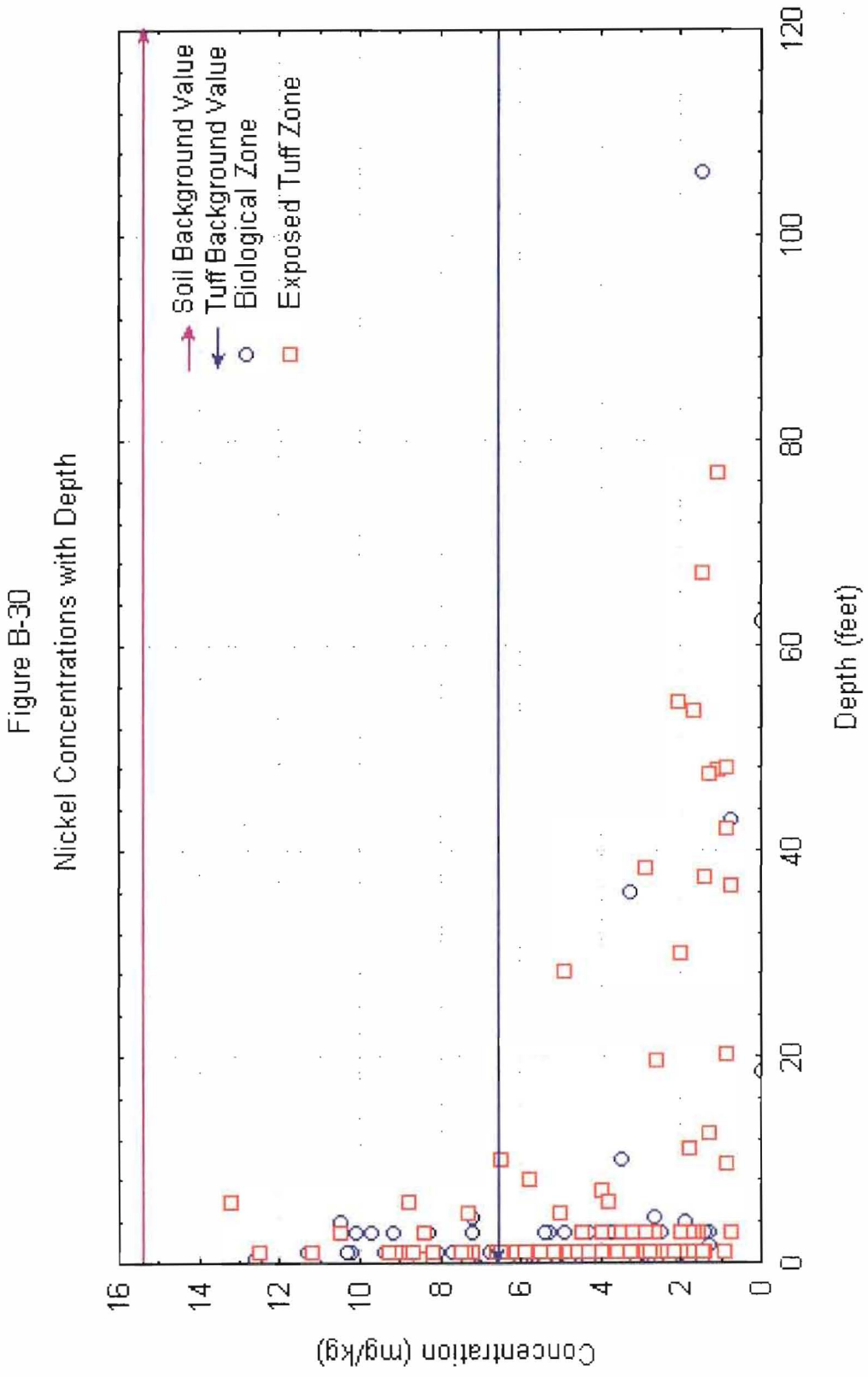
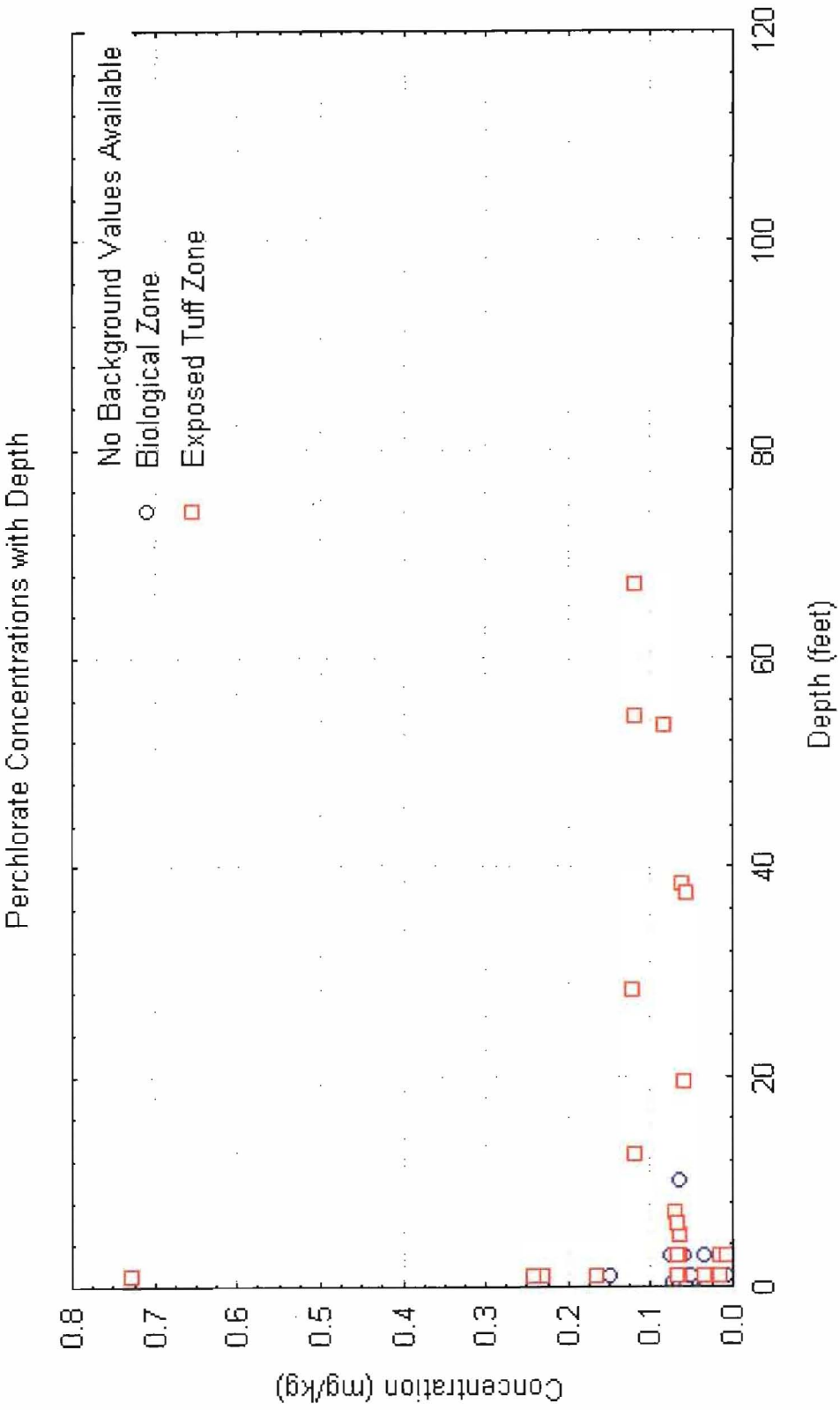


Figure B-30
Nickel Concentrations with Depth

Figure B-31
Perchlorate Concentrations with Depth



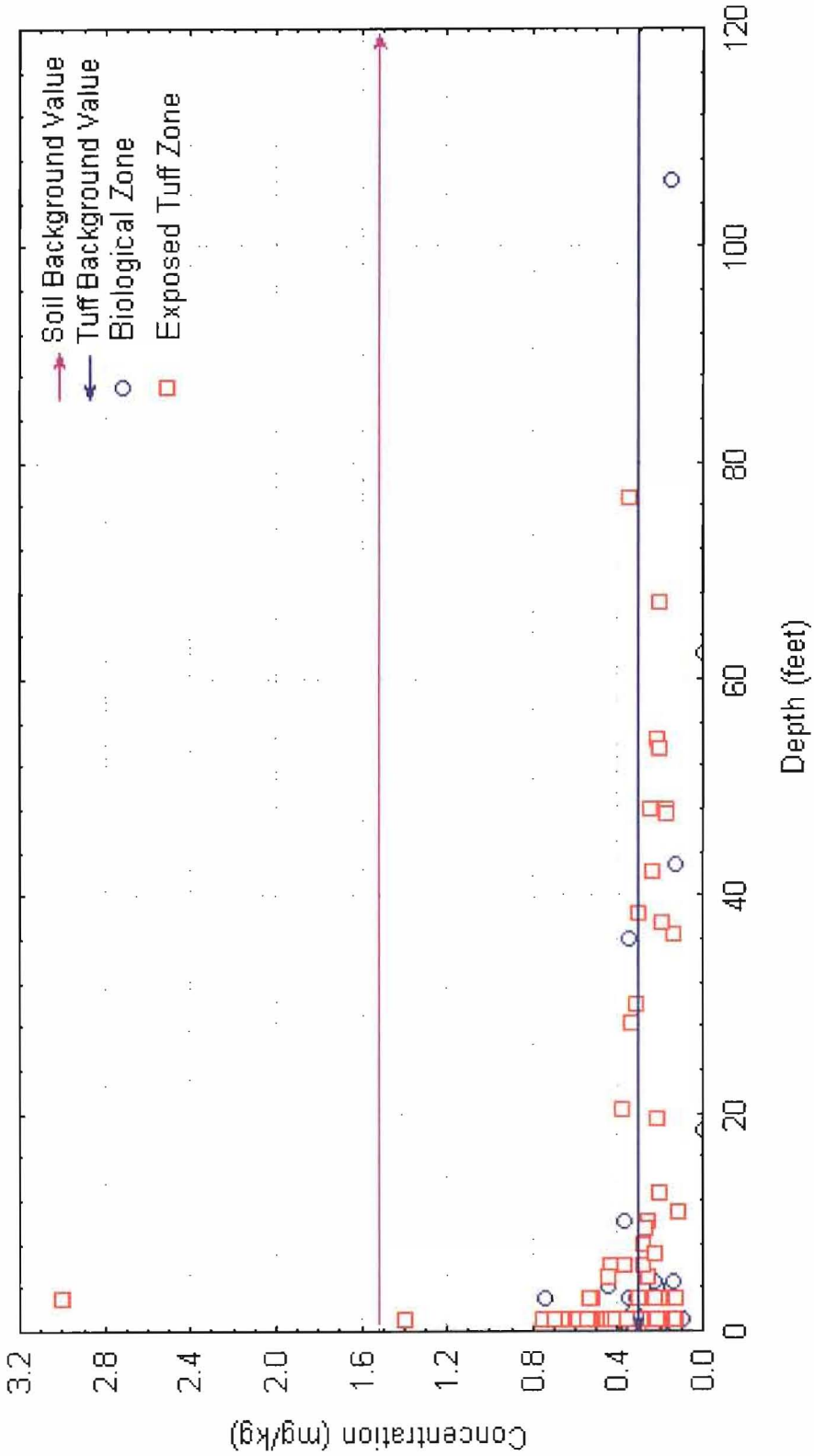


Figure B-32
Selenium Concentrations with Depth

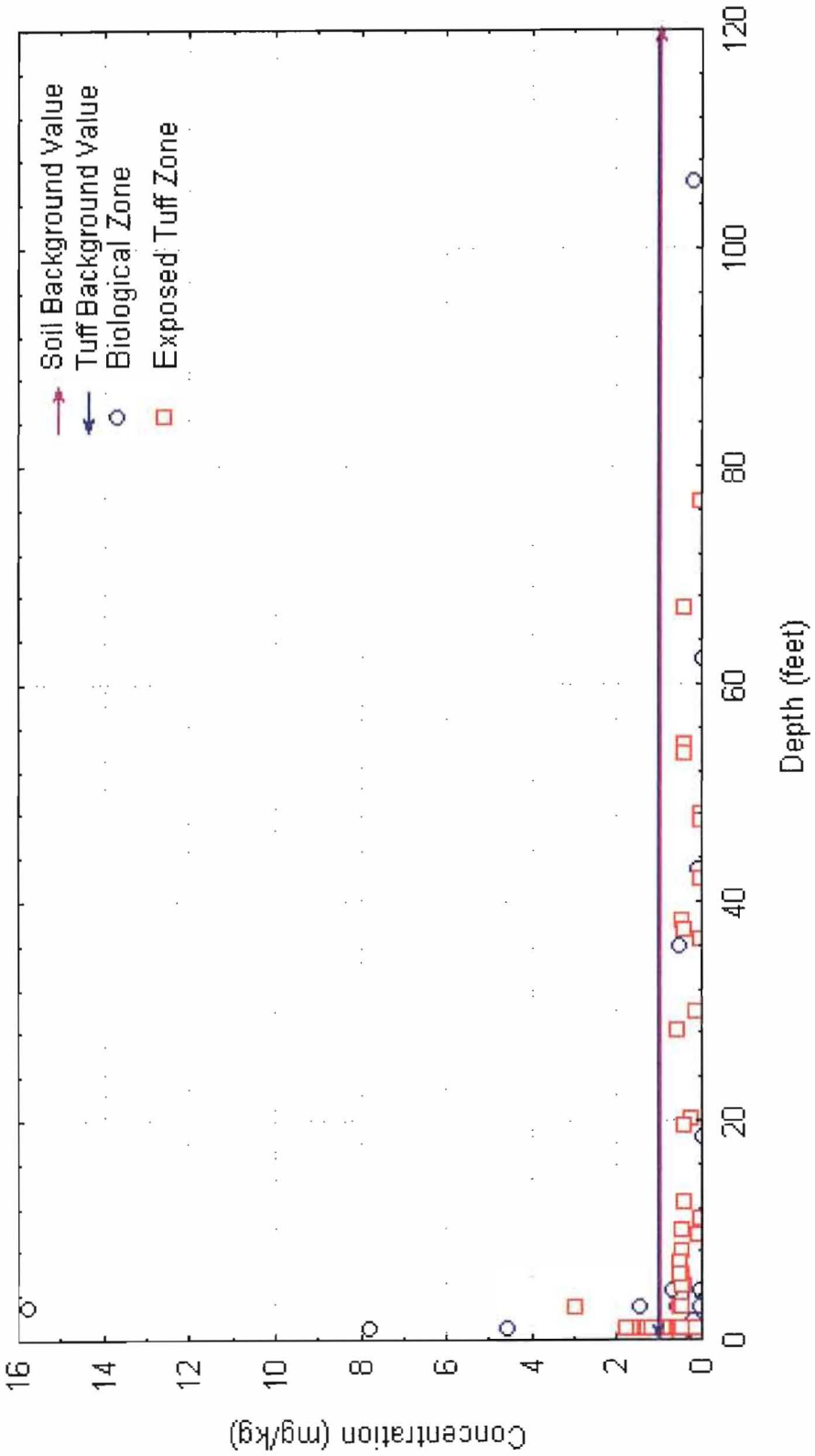
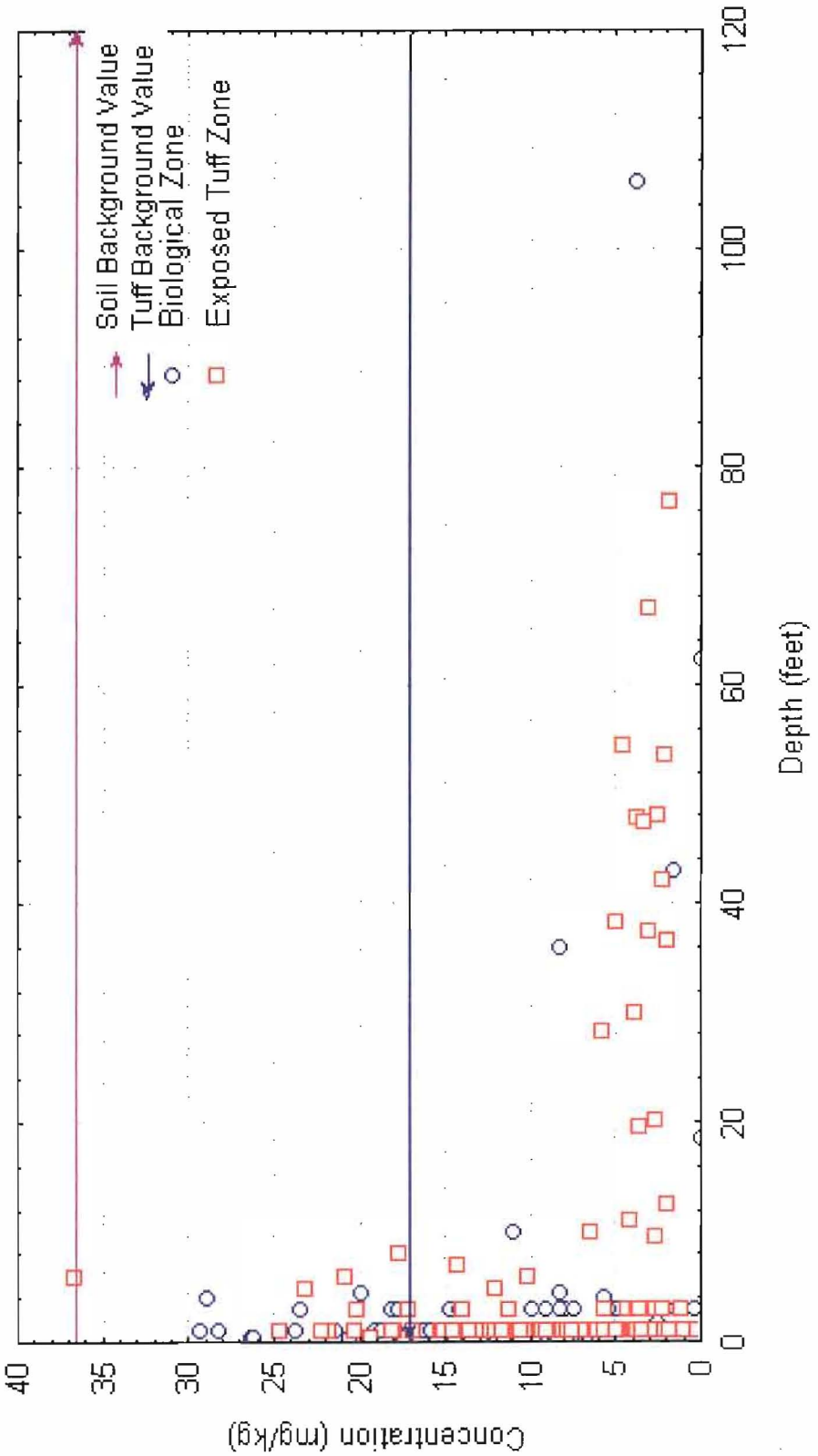


Figure B-33
Silver Concentrations with Depth

Figure B-34
Vanadium Concentrations with Depth



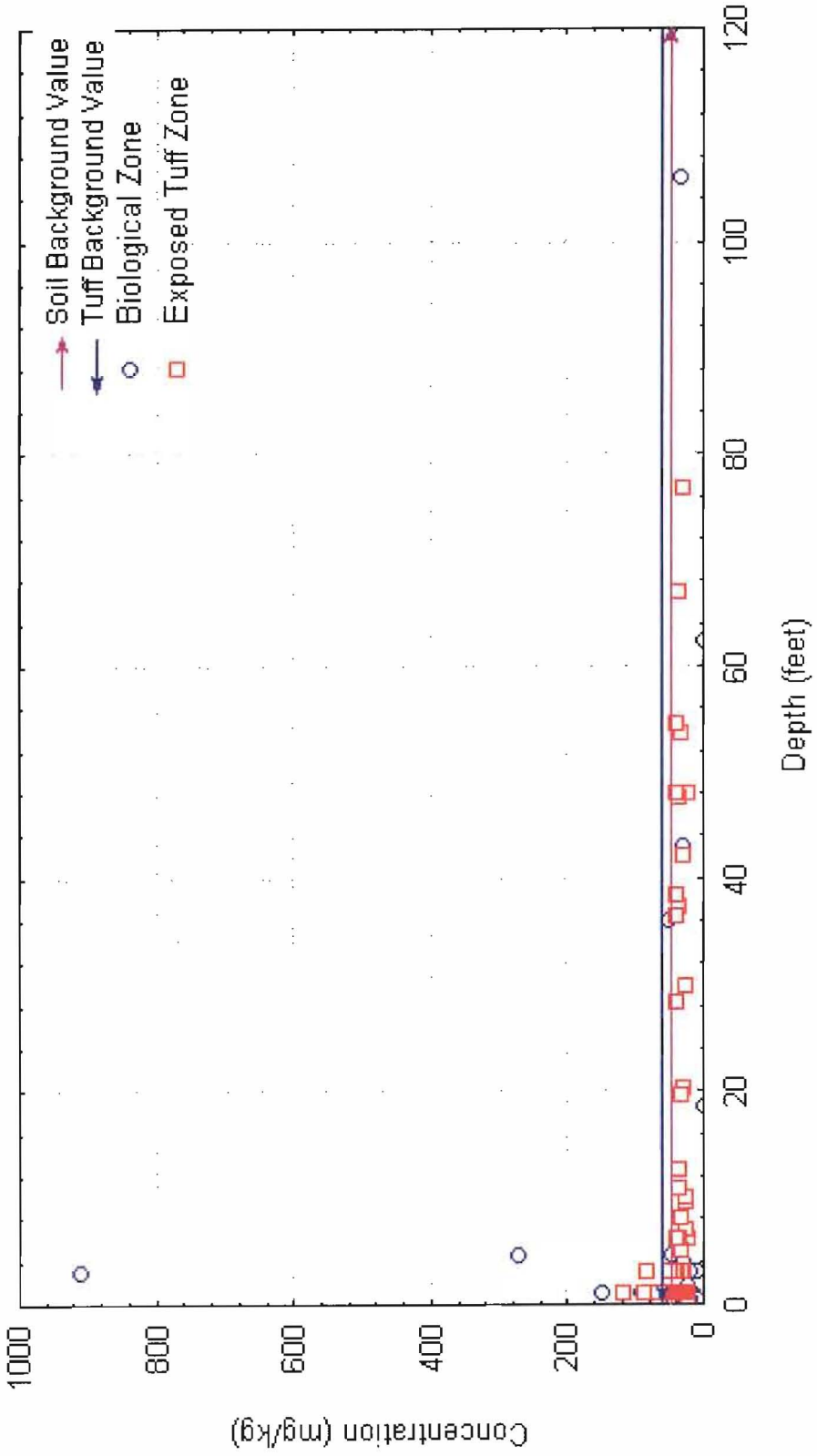


Figure B-35
Zinc Concentrations with Depth

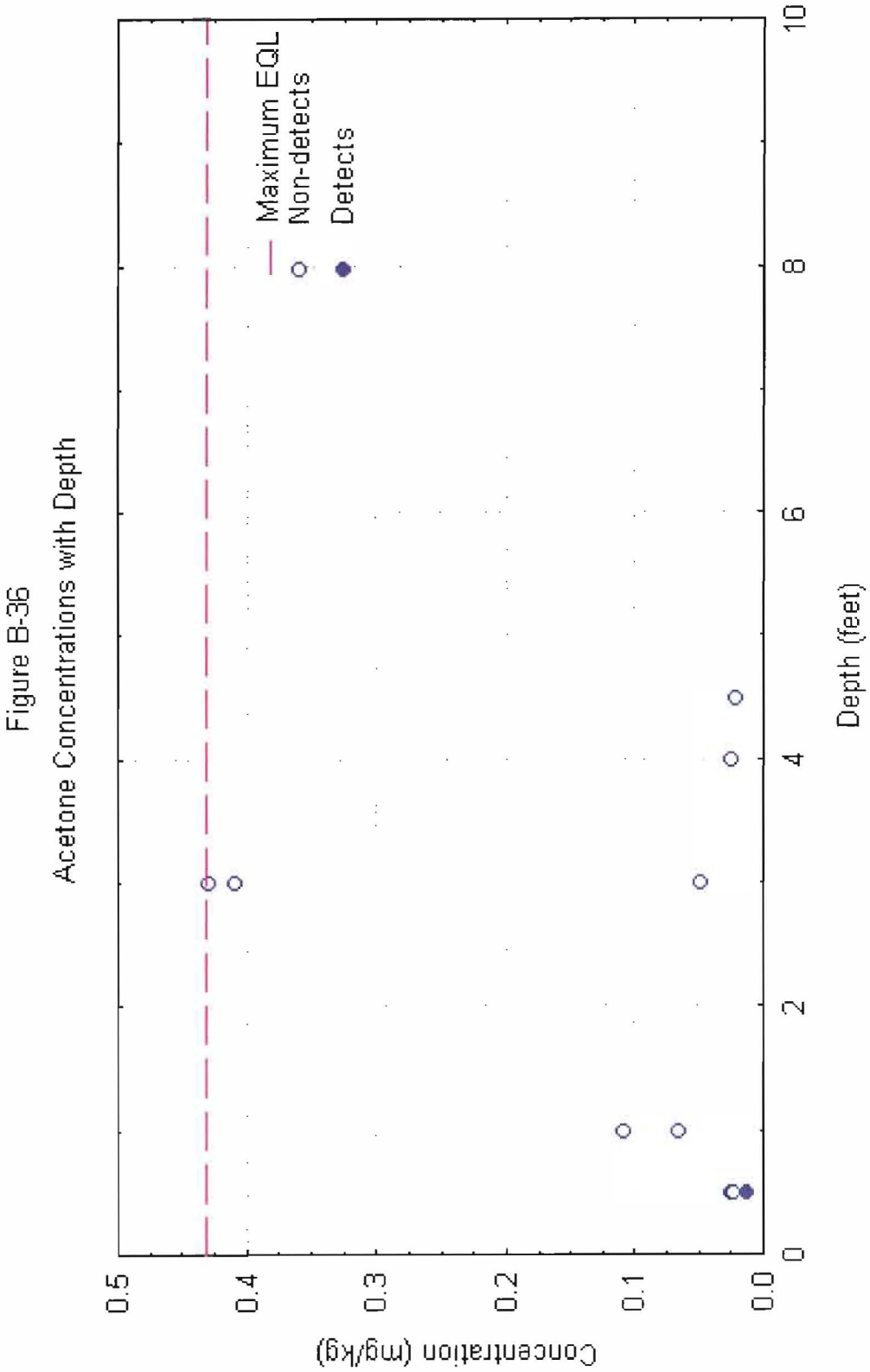


Figure B-36
Acetone Concentrations with Depth

Figure B-37
Amino-2,6-dinitrotoluene[4-] Concentrations with Depth

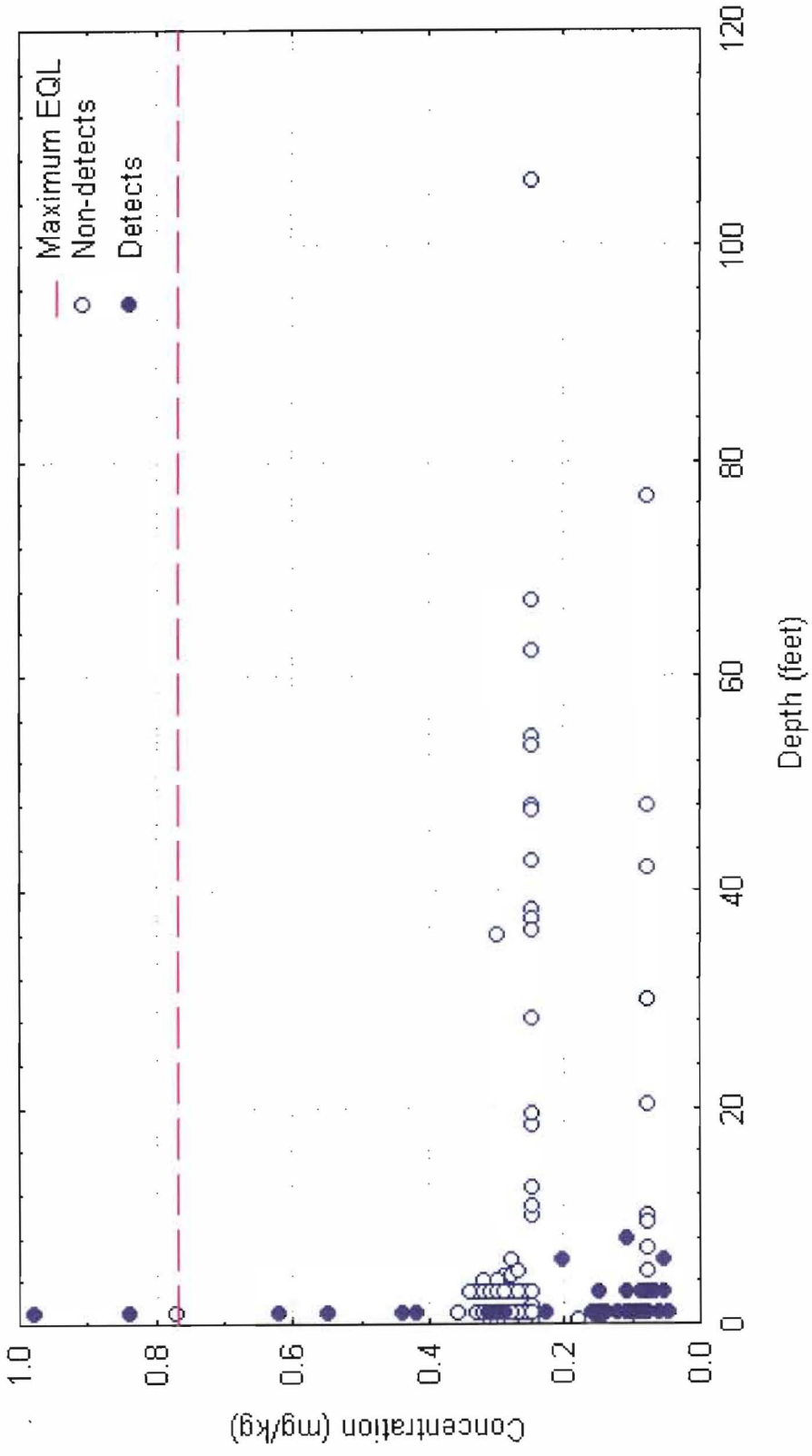
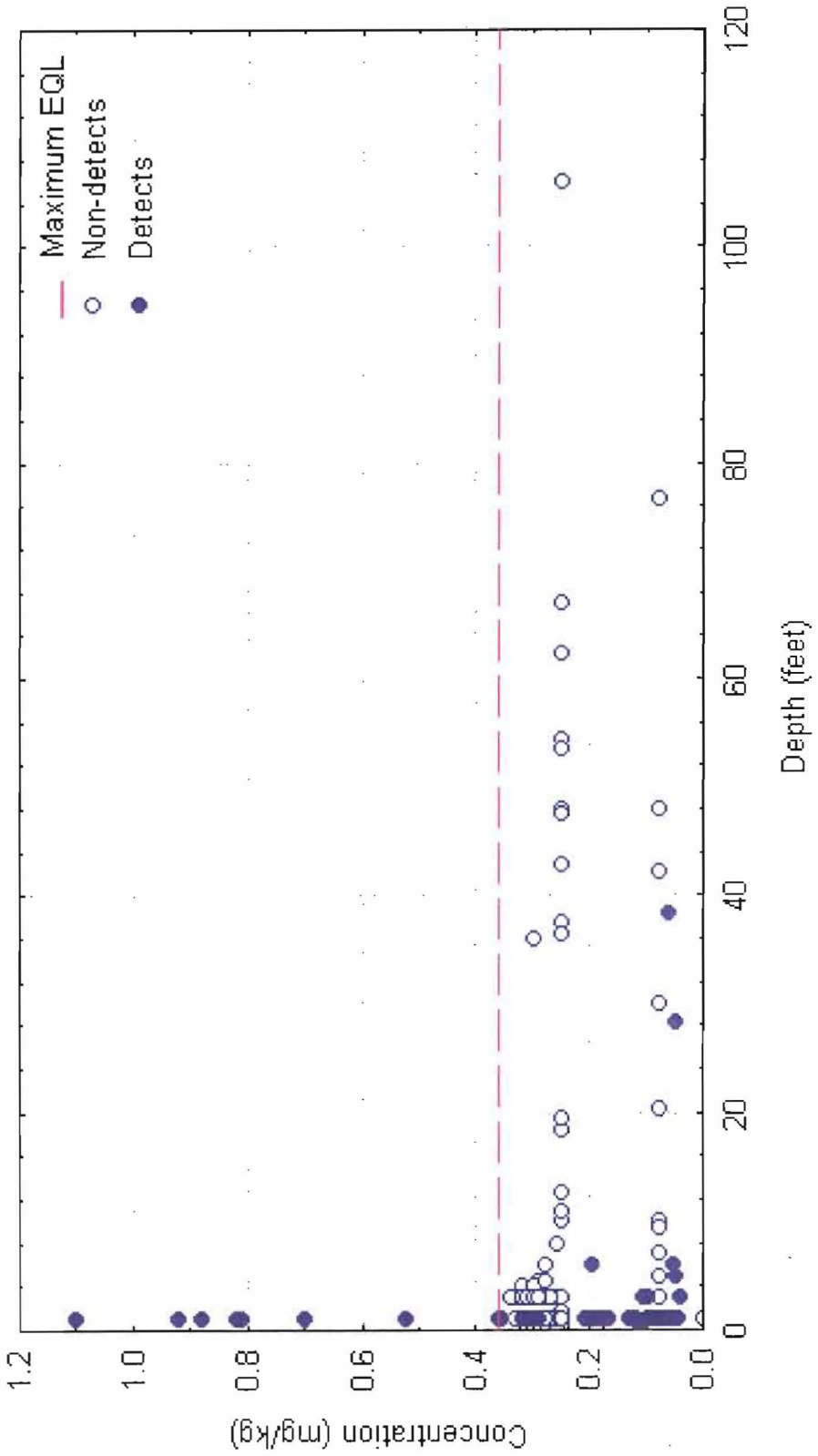


Figure B-38
Amino-4,6-dinitrotoluene[2-] Concentrations with Depth



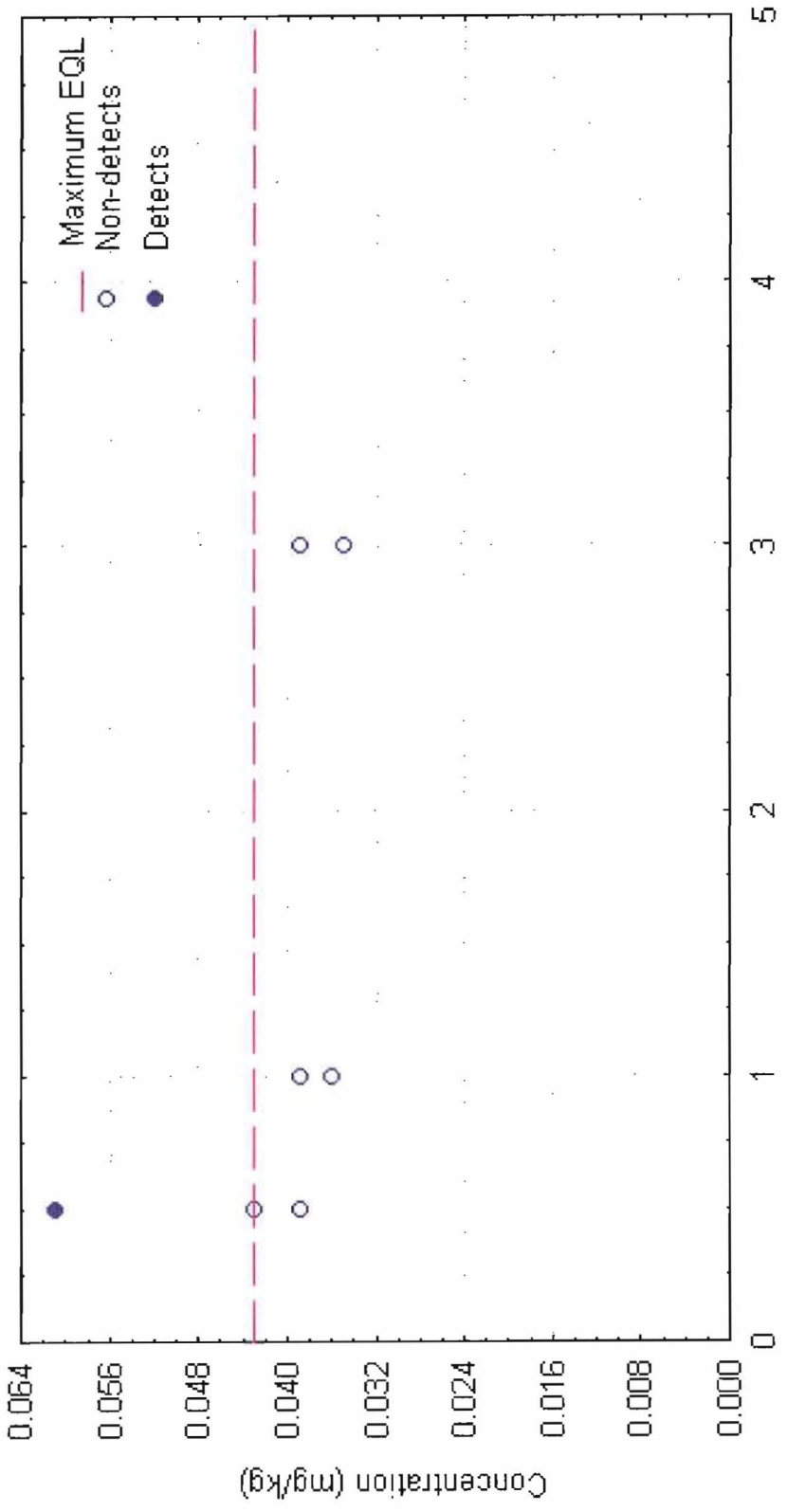
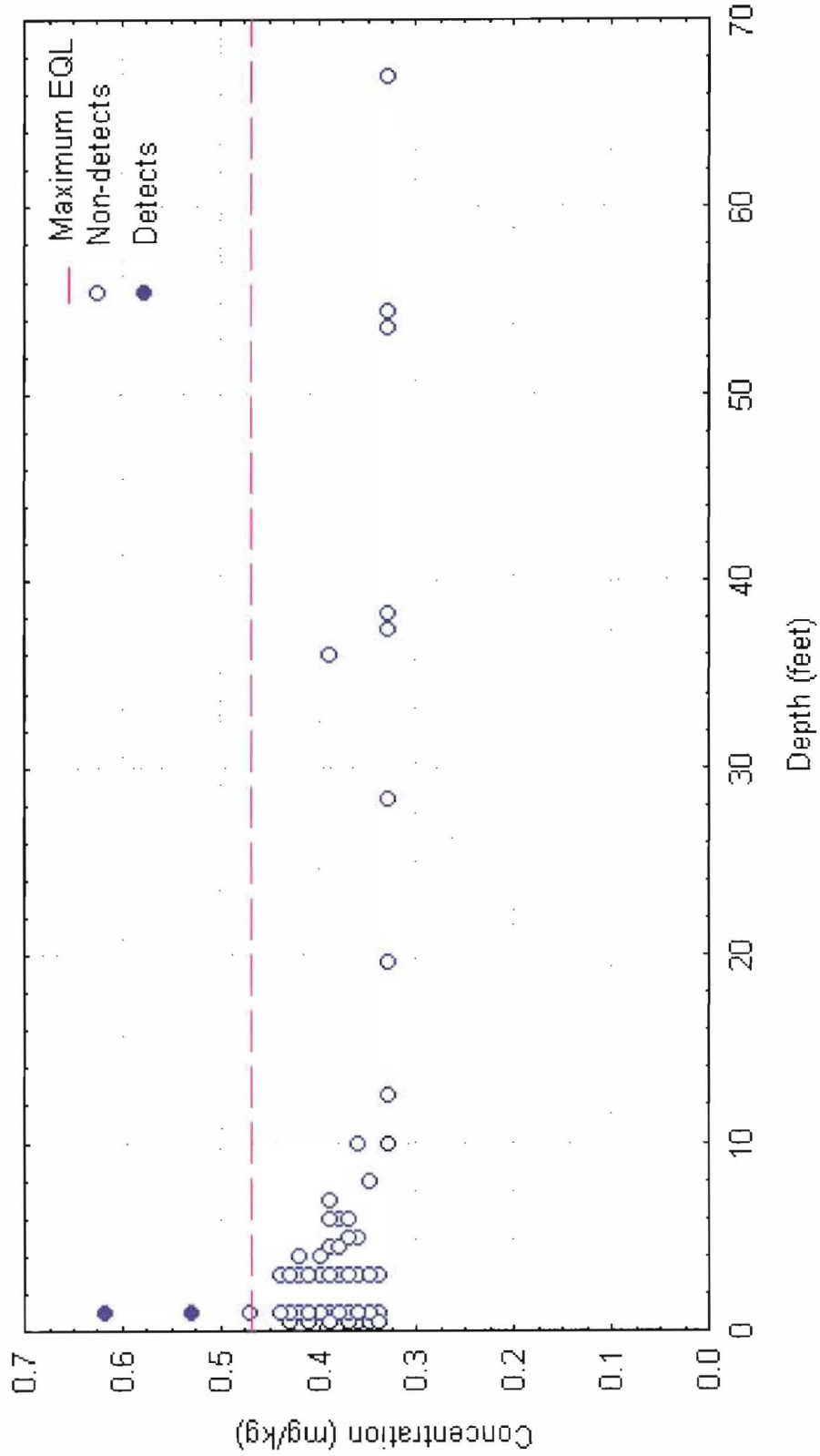


Figure B-39
Aroclor-1260 Concentrations with Depth

Figure B-40
Bis(2-ethylhexyl)phthalate Concentrations with Depth



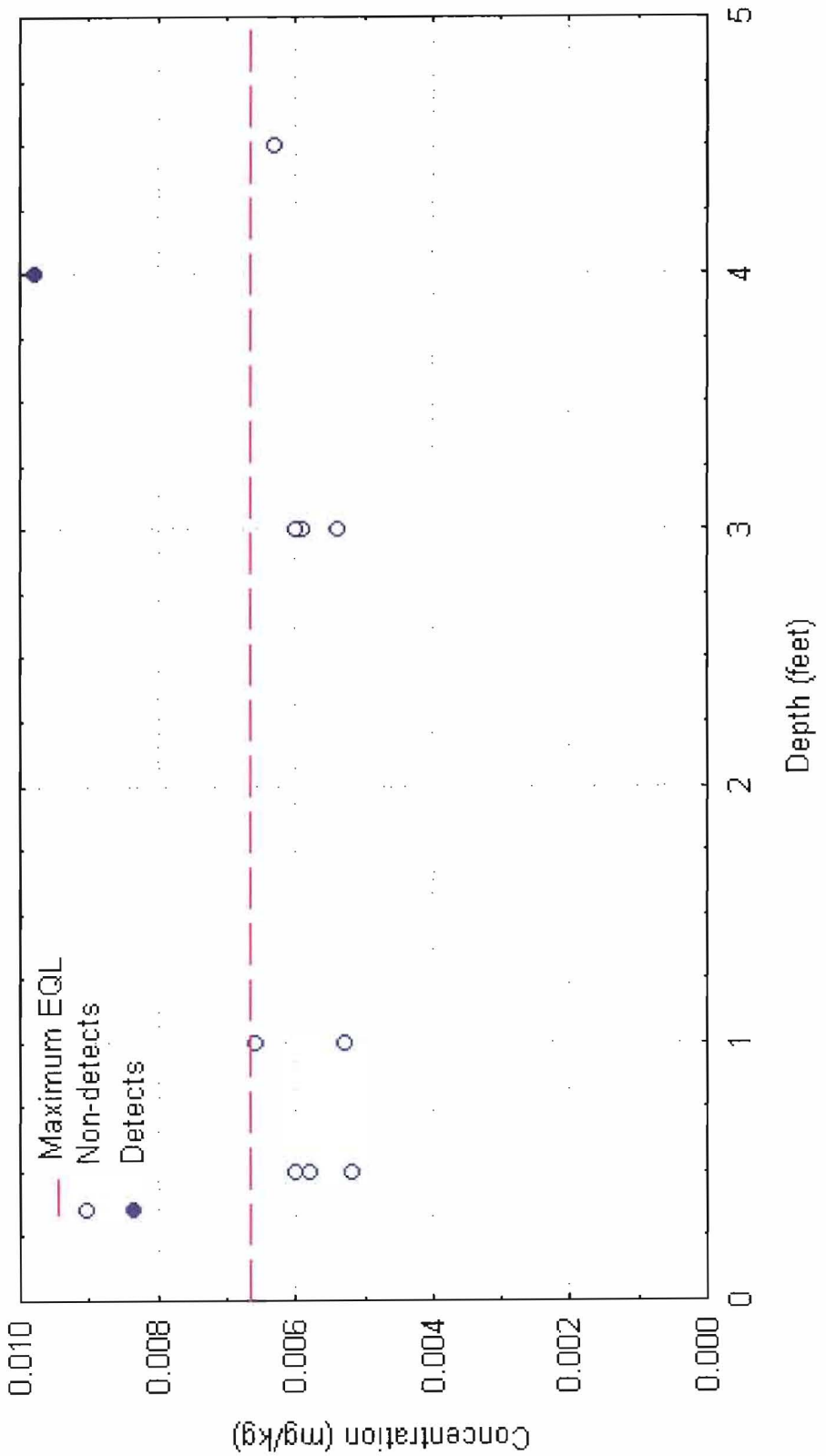
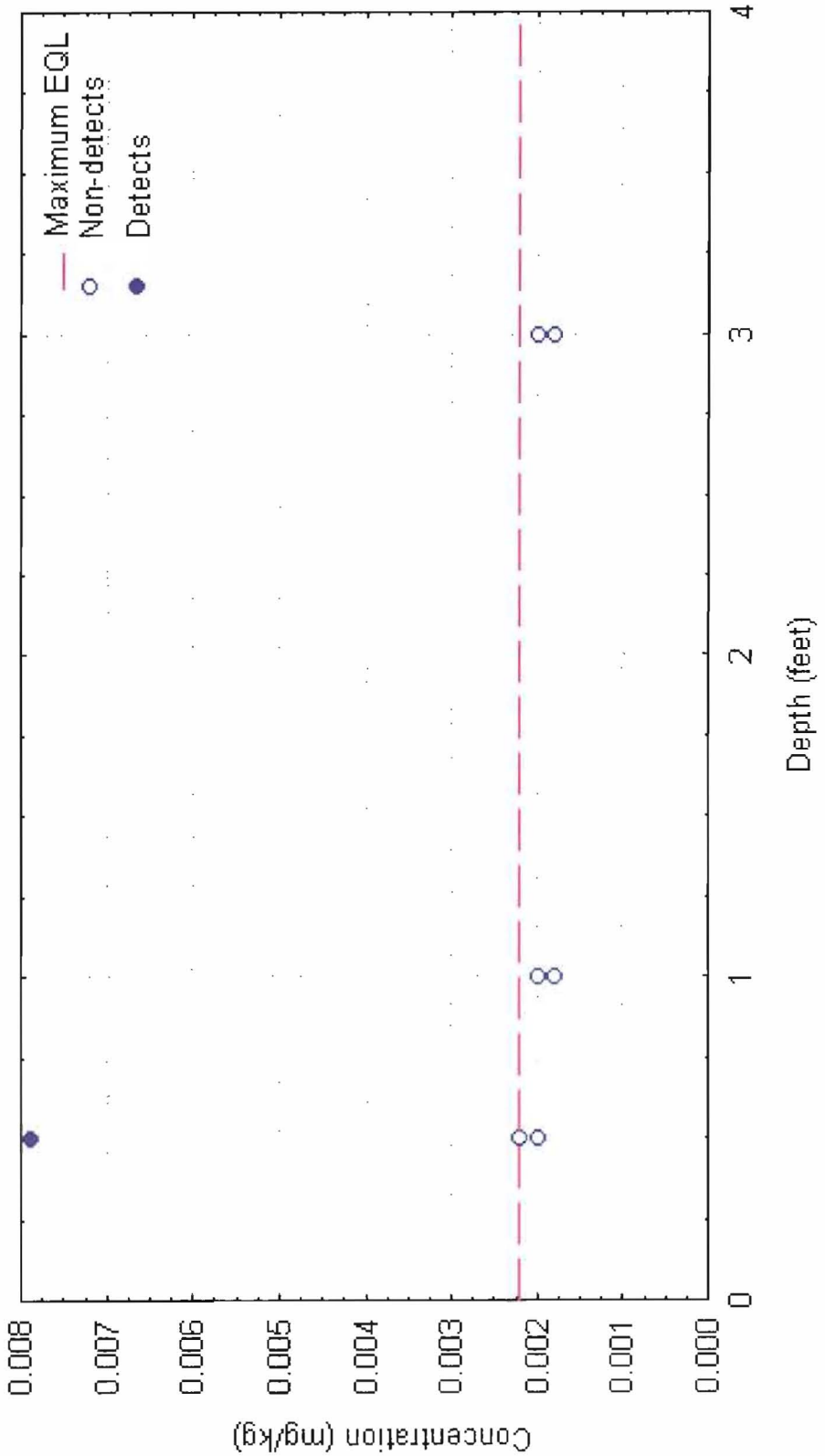


Figure B-41
Carbon Disulfide Concentrations with Depth

Figure B-42
DDT[4,4'-] Concentrations with Depth



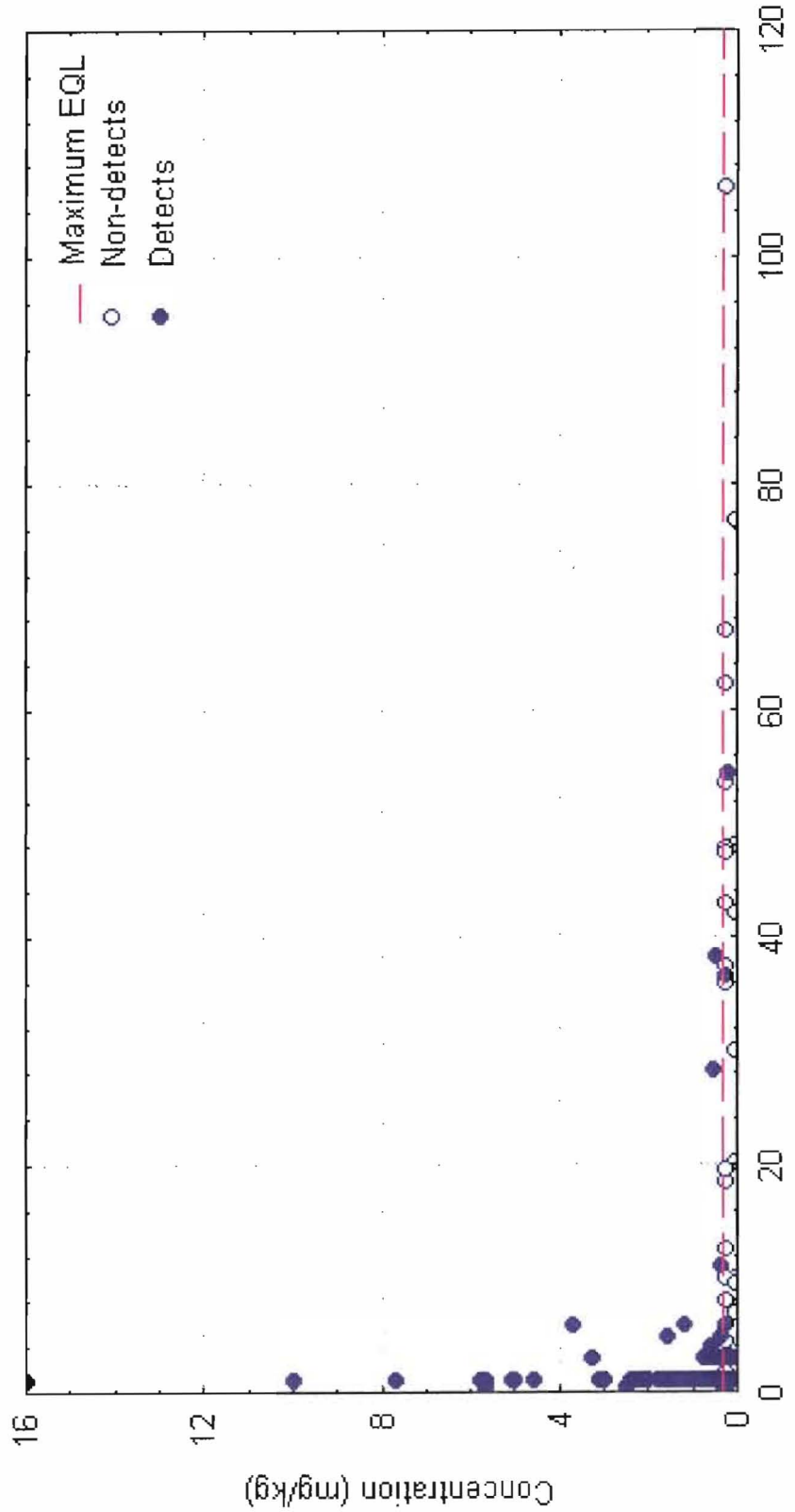


Figure B-43
HMX Concentrations with Depth

Figure B-44
RDX Concentrations with Depth

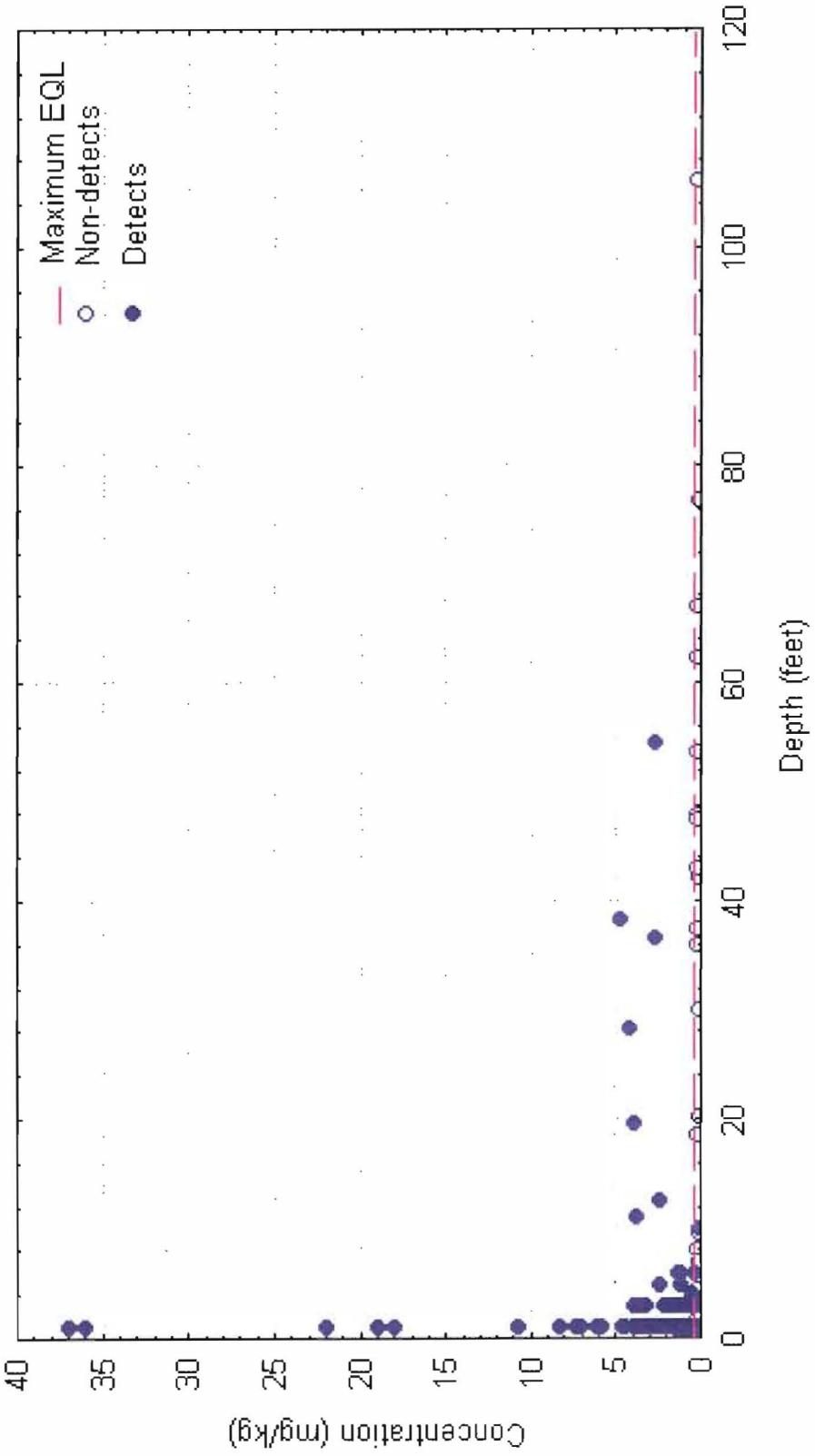


Figure B-45
Toluene Concentrations with Depth

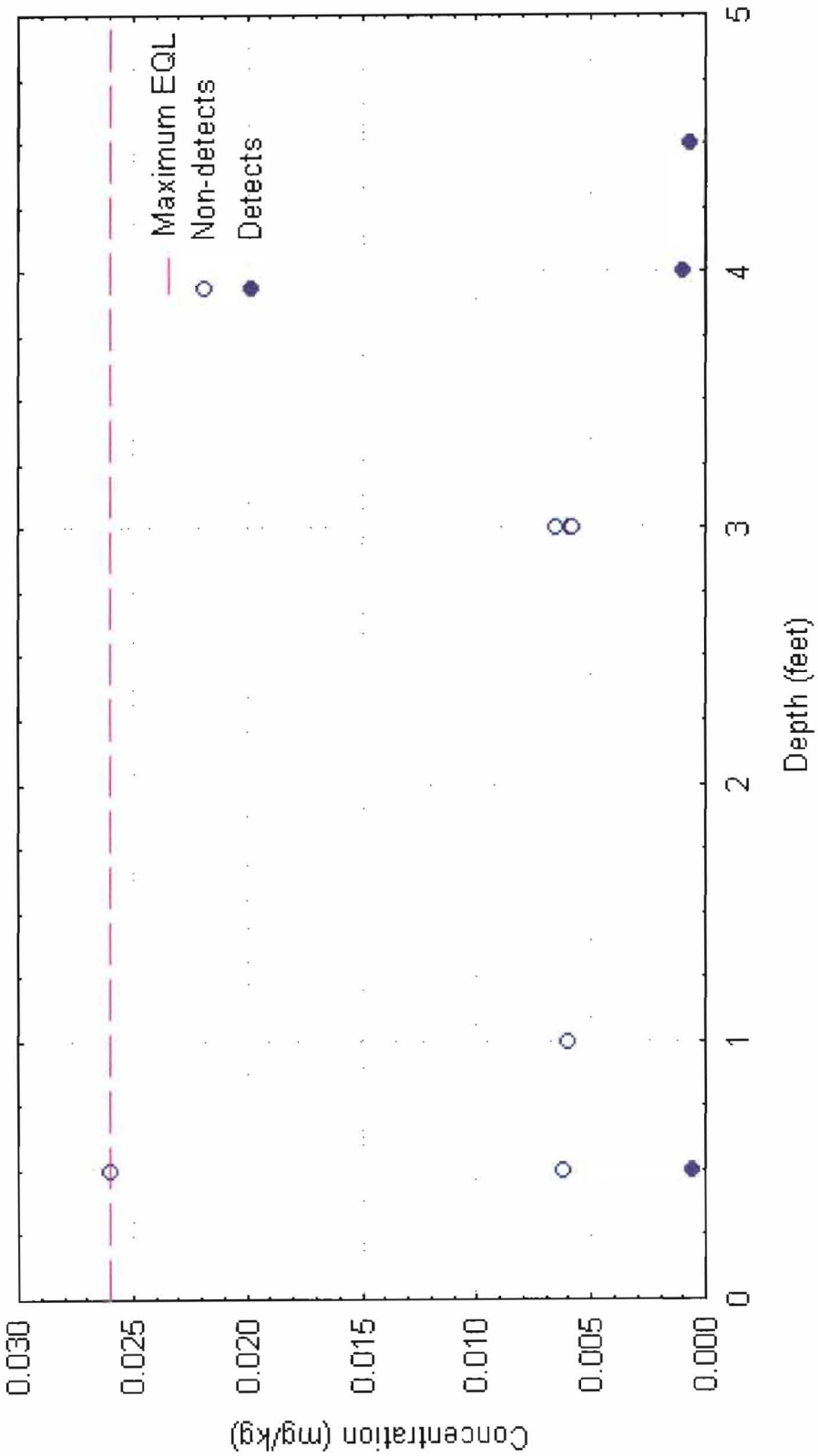


Figure B-46
Trinitrobenzene[1,3,5-] Concentrations with Depth

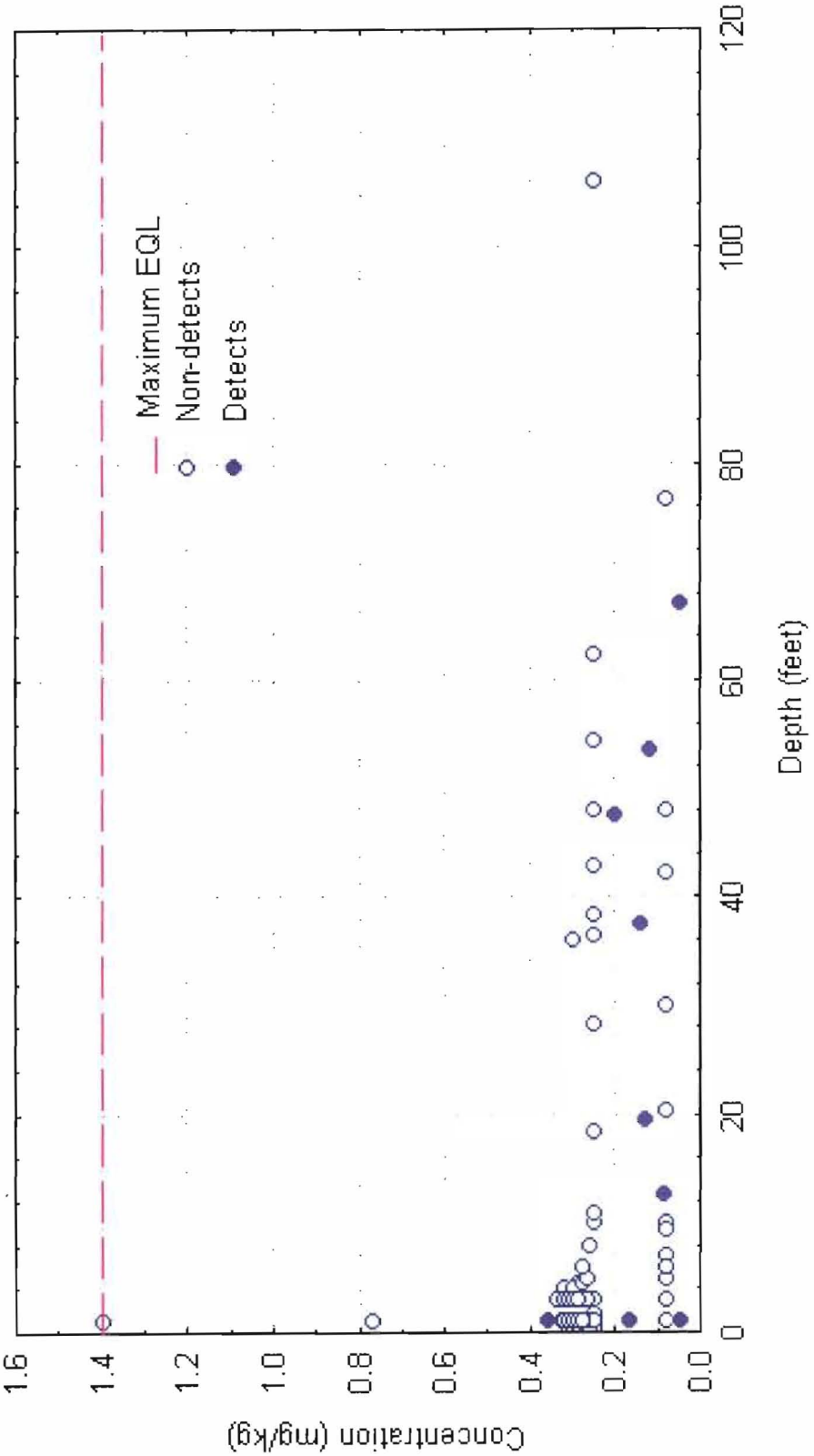
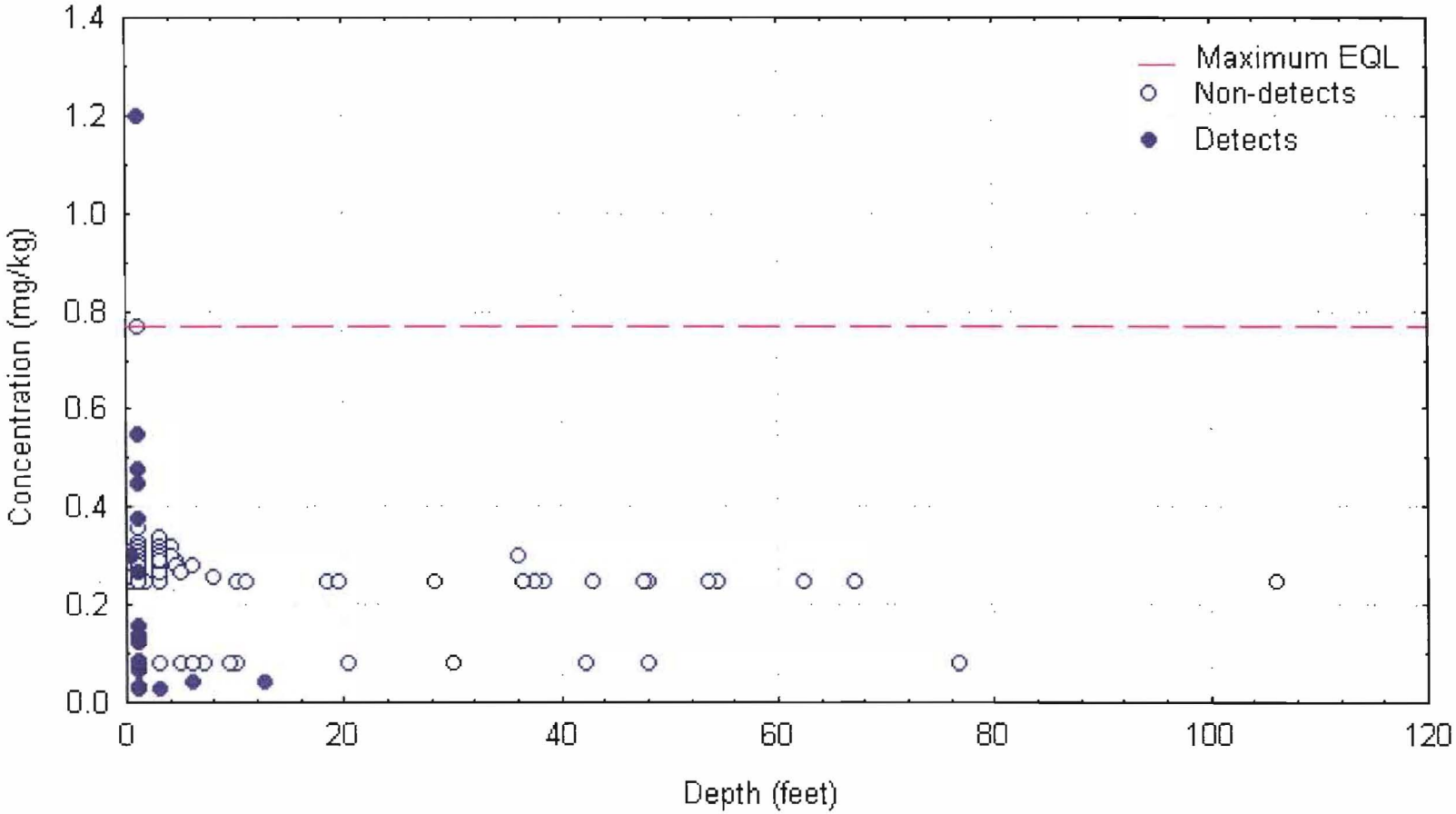


Figure B-47

Trinitrotoluene[2,4,6-] Concentrations with Depth



Appendix B

Confirmation Sample Database

B-1.0 SUMMARY OF PHASE II CONFIRMATION SAMPLING

This appendix summarizes the analytical results obtained from the Phase II confirmation sampling at the MDA P Site. This summary includes a description of the analytical methods used to assess potential residual contamination at the MDA P Site, including the number of samples collected for chemical analysis, the data validation procedures used during the data quality assessment, and the associated qualifiers assigned to the analytical results. Because of the large number of MDA P Site Phase II confirmation samples, validation results and qualifiers are not provided for individual samples.

Table B-1.0-1 presents the analytical suites and total number of samples taken during this investigation, as committed to in the closure plan modification in May 2002 (LANL 2002, 73159). Table B-1.0-2 presents the confirmation samples, by analytical suites, collected for the boreholes. There are differences between the sampling indicated in Table 4-2 of the May 2002 modification and the final sampling as of January 2003. These differences represent slight discrepancies in Table 4-2 (less than 6% of the total samples collected for any given analyte group due to counting inaccuracies) and changes in sampling due to the additional excavation performed in September 2001 which were not captured in Table 4-2 of the May 2002 modification. Twelve samples were removed from the Phase II sample database because the locations from which these samples were collected were later excavated.

Table B-1.0-1
MDA P Site Phase II Confirmation Sample Summary: Analytical Suites and Total Number of Samples in Soil and Tuff

Analyte Type	Total Samples Reported in May 2002 Closure Plan Modification[a]	Actual Total Samples[a] (as of May 2002)	Final Total Soil and Tuff Samples[a] (as of January 2003)	Total Duplicates Reported in May 2002 Closure Plan Modification	Actual Total Duplicates (as of May 2002)	Final Total Duplicates (as of January 2003)
TAL metals	311	309	290	34	32	29
Hexavalent chromium	311	309	290	34	32	29
Mercury	311	309	290	34	32	29
Perchlorate	60	60	61	10	10	9
Reactive cyanide	5	7	3	0	0	0
Reactive sulfide	5	7	7	0	0	0
Total cyanide	5	7	3	0	0	0
Dioxins/furans	5	7	7	0	0	0
Herbicides (chlorinated)	5	7	10	0	0	0
HE	313	317	291	34	32	29
PCBs	5	7	7	0	0	0
Pesticides (organochlorine)	5	7	7	0	0	0
SVOCs	313	295	276	34	32	29
VOCs	23[b]	13	12[c]	1	0	1
Gamma spectroscopy	5	7	7	0	0	0
Gross alpha/ gross beta	5	0	0	0	0	0

Table B-1.0-1 (continued)
MDA P Site Phase II Confirmation Sample Summary: Analytical Suites and Total Number of Samples in Soil and Tuff

Analyte Type	Total Samples Reported in May 2002 Closure Plan Modification[a]	Actual Total Samples[a] (as of May 2002)	Final Total Soil and Tuff Samples[a] (as of January 2003)	Total Duplicates Reported in May 2002 Closure Plan Modification	Actual Total Duplicates (as of May 2002)	Final Total Duplicates (as of January 2003)
Isotopic uranium	7	7	7	0	0	0
Asbestos	5	7	7	0	0	0
pH	5	7	7	0	0	0

[a] Total of confirmation samples used in risk analysis: soil and tuff samples, borehole core samples, and baseline samples.

[b] Includes 10 borehole VOC vapor samples.

[c] Includes 7 borehole VOC vapor samples.

Table B-1.0-2
MDA P Site Phase II Borehole Sample Summary: Analytical Suites and Total Number of Samples

Analyte Type	Total Borehole Samples Reported in May 2002 Closure Plan Modification	Final Total Borehole Samples (as of January 2003)
TAL metals	12	38
Hexavalent chromium	12	38
Mercury	12	38
Perchlorate	8	16
HE	12	39
SVOCs	8	24
VOCs	10[a]	12[b]

[a] VOCs referred to in May 2002 closure plan modification were for VOCs as vapors only and included two QA/QC samples.

[b] Includes samples for VOCs collected from borehole cores (5) and VOCs as vapors (7).

B-2.0 QUALITY ASSURANCE/QUALITY CONTROL

Quality assurance (QA)/quality control (QC) and data validation procedures were implemented in accordance with the requirements of the QA project plan (LANL 1996, 54609), and the analytical services statement of work (SOW) for contract laboratories (LANL 2000, 71233). The results of the QA/QC activities were used to estimate the accuracy, bias, and precision of the analytical measurements. QC samples, including field duplicates, method blanks, blank spikes, matrix spikes, and laboratory control samples (LCSs), were used to assess accuracy and bias. Internal standards, external standards, surrogates, and tracers were used to assess accuracy. The type and frequency of QC analyses are described in the analytical services SOW (LANL 2000, 71233). Other QC factors such as sample preservation and holding times were also assessed. Requirements for sample preservation and holding times are given in the ER Project standard operating procedure (SOP) LANL-ER-SOP-1.02, Rev. 0, "Sample Containers and Preservation." Evaluating these QC indicators allows estimates of the accuracy, bias, and precision of the analytical suites. Data entry into the final confirmation sample database that was used for the assessment of risk and for the closure certification of the MDA P Site followed the procedures outlined in the ER Project desk

instruction (DI) LANL-ER-DI-4.28, Rev. 0, Quality Assurance Checklist for Preparation of Data Sets from the ER Project Technical Database.

LCSs, method blanks, matrix spike samples, field duplicate samples, interference check samples, and serial dilution samples were used to assess the accuracy and precision of inorganic and organic chemical analyses. Each of these QA/QC sample types is defined in the ER Project analytical services SOW (LANL 2000, 71233) and described briefly below.

LCSs are used to monitor the overall performance of each step during the analysis, including sample digestion. Analytical results for the samples were qualified if individual LCS recoveries were outside the 75–125% range specified in the national functional guidelines (NFGs) (EPA 1994, 48639). According to NFGs, results less than five times the method blank result are qualified as not detected (U).

The accuracy of chemical analyses is also assessed with matrix spike samples. A matrix spike sample is designed to provide information about the effect of each sample matrix on the sample preparation procedures and analytical technique. The spike sample recoveries should be within the acceptance criteria range of 75–125%, according to LANL-ER-SOP-15.05, Routine Validation of Inorganic Data.

Analyzing field duplicate samples assesses the precision of inorganic chemical analyses. All relative percent differences (RPDs) between the sample and the field duplicate should be ±35%, according to LANL-ER-SOP-15.05, and in accordance with the MDA P SAP (LANL 1999, 63546).

The data review determined that the data are of good quality and are sufficient for validating the demonstration of clean closure.

B-3.0 INORGANIC CHEMICAL ANALYSES

A total of 319 samples were collected and analyzed for TAL metals during the MDA P Site Phase II confirmation sampling. The inorganic analysis methods for this data set are provided with the data in the database that can be found on the CD at the front of this report. The qualifiers that were assigned to inorganic analytes based on data validation are defined in Table B-7.0-1.

B-4.0 ORGANIC CHEMICAL ANALYSES

A total of 320 samples were collected for organic chemical analyses during the MDA P Site Phase II confirmation sampling. These samples were analyzed for HE (320 samples), SVOCs (305 samples), VOCs (12 samples), dioxins/furans (7 samples), herbicides (7 samples), PCBs (7 samples), and pesticides (7 samples) (Table B-1.0-1). Data validation was performed to ensure that all QC procedures were followed, as required by the ER Project analytical services SOW (LANL 1995, 49738). The qualifiers that were assigned to organic analytes based on the data validation are defined in Table B-7.0-1. One trip blank sample was submitted for VOC analysis with each sample shipment.

B-5.0 RADIOCHEMICAL ANALYSES

A total of seven samples were analyzed for radionuclides using the methods provided with the data in the database that can be found on the CD at the front of this report.

Radionuclides with reported values lower than the minimum detectable activity were qualified as nondetected (U). In addition, each radionuclide result was compared with the corresponding 1-sigma total propagated uncertainty (TPU). If the result was not greater than three times TPU, it was qualified as nondetected (U).

The precision and bias of the radiochemical analyses performed at off-site fixed laboratories were assessed using matrix spike samples, LCSs, method blanks, duplicates, and tracers. The ER Project analytical services SOW specifies that spike sample recoveries should be within ±25% of the certified value (LANL 2000, 71233). LCSs were analyzed to assess the accuracy of radionuclide analyses. The LCSs were used to monitor the overall performance of each step during the analysis, including the radiochemical separation preparation. The ER Project analytical services SOW specifies that LCS recoveries should be within ±25% of the certified value. Method blanks were also used to assess bias. The ER Project analytical services SOW specifies that the method blank concentration should not exceed the required EQL.

Data validation was performed to ensure that all QC procedures were followed as required by the ER Project analytical services SOW. The qualifiers that were assigned to radiochemical analytes based on data validation are defined in Table B-7.0-1.

B-6.0 BOREHOLE SAMPLING

Five boreholes were sampled for TAL metals, hexavalent chromium, mercury, perchlorate, HE, SVOCs, and VOCs (Table B-1.0-2). Borehole 273 was drilled primarily for geologic logging; however, analytical data derived from the sampling of Borehole 273 (0 to 5 ft) were included in the risk analysis. A VOC vapor analysis was also conducted in the boreholes. The borehole sampling was conducted to assess the potential vertical migration of chemicals at the MDA P Site. The details of the borehole sampling are provided in section 2.3.5.2 of the closure certification report.

B-7.0 DATA VALIDATION QUALIFIERS

The data qualifiers that were applied during data validation are defined in Table B-7.0-1.

Table B-7.0-1
Data Qualifiers Used in the Data Validation Procedure

Qualifier	Explanation
U	The analyte was analyzed for but not detected. Reported value is the sample-specific estimated quantitation limit or detection limit.
J	The reported value should be regarded as estimated.
J+	The reported value should be regarded as estimated and biased high.
J-	The reported value should be regarded as estimated and biased low.
UJ	The analyte was analyzed for but not detected. Reported value is an estimate of the sample-specific quantitation limit or detection limit.
R	The sample results were rejected because of serious deficiencies in the ability to analyze the sample and meet quality control criteria; presence or absence cannot be verified.

B-8.0 CONFIRMATION SAMPLE DATABASE

Complete analytical results from the Phase II confirmation sampling of the MDA P Site are provided in this subsection and in Microsoft Access format on the CD attached to the front of this report. The database can be queried on any field. Descriptions of each field, including abbreviations, are provided in Table B-8.0-1. Table B-8.0-2 contains results of all soil and tuff sampled as part of confirmation. Table B-8.0-3 contains results of tuff samples collected from the five boreholes (273, 516, 526, 554, and 557). Table B-8.0-4 contains results of VOC vapor sampling in Boreholes 526, 554, and 557.

Samples are identified by a unique location identification (ID) number and a unique sample ID number. The nomenclature for the location ID is as follows, using 16-20624 as an example: *16* refers to TA-16, and *20624* functions as a unique identifier given to a sample at the time of sample collection. The nomencla-

ture for the sample ID is as follows, using 0816-01-0322 as an example: *0816* refers to TA-16, *01* indicates the year in which the sample was collected (in this case, 2001), and *0322* indicates that the sample was collected in Grid Number 0322. Samples collected in 2002 after the discovery and removal of additional debris have sample IDs as follows, using RE16-02-45436 as an example: *RE16* refers to TA-16, *02* indicates the year in which the sample was collected (in this case, 2002), and the final three digits of *45436* indicate that the sample was collected in Grid Number 436.

Table B-8.0-1

Description of Phase II Confirmation Sample Database Fields

Field Name	Description
ANALYSIS_DATE	The date (and time, if available) of analysis of this aliquot of the sample, as reported by the analytical laboratory.
ANALYTE_CODE	The code for the analyte, assigned by the Laboratory. In the case of organic compounds, it is the CAS number. In the case of radionuclides, elements, or inorganic compounds, it is the chemical symbol. In the case of non-chemical analytes, it is an abbreviation of the analyte name.
ANALYTE_NAME	The name of the analyte that corresponds to the CAS number, chemical symbol, or property measured. (This field maps to ANALYTE_CODE_DESC in FIMAD.EDD_ANALYTE_CODE_LIST.)
ANALYTICAL_SUITE	The analytical method, as reported by the analytical laboratory, that was used to analyze the sample. This field may include the method source (e.g., SW-846) and method number (e.g., 6010B), or it may include the analytical laboratory's internal standard operating procedure.
ANYL_METH_CODE	The technique used to analyze the sample, as reported by the analytical laboratory.
BEGIN_DEPTH	The top of the depth interval sampled. (This field maps to TOP_DEPTH in DATADM.SAMPLE_DETAIL.)
COLLECTION_DATE	The date and time during which this sample was obtained. (This field maps to START_DATE_TIME in DATADM.SAMPLE_DETAIL.)
COMPOS_TYPE_CODE	A code associated with a valid composite type for a sample. See LUT_COMPOS_TYPE for a list of allowed values.
DEPTH_UNITS	The unit of measure in which the depth is presented. (This field maps to DEPTH_UOM in DATADM.SAMPLE_DETAIL.)
DEPTH	The depth interval in which the sample was taken.
DILUTION_FACTOR	The overall dilution of this sample aliquot, as reported by the analytical laboratory. A value of 1 should correspond to nominal conditions for the method. Values greater than 1 indicate that the sample aliquot was diluted for analysis. Values less than 1 indicate that the sample aliquot was concentrated for analysis.
DLC	Decision level concentration
END_DEPTH	The bottom of the depth interval sampled. (This field maps to BOTTOM_DEPTH in DATADM.SAMPLE_DETAIL.)
EXCAV_FLAG	A flag that indicates whether the environmental medium from which the sample was collected has since been excavated. The possible values are Yes, No, and Null.
FIELD_PREP	The sample preparation that is done in the field prior to sending the sample to an analytical laboratory. See LUT_FLD_PREP for a list of possible values. (This field maps to FLD_PREP_CODE in DATADM.SAMPLE_HDR.)
FIELD_QC_TYPE_CODE	A code associated with a QC sample type submitted by the sampling organization. See LUT_FLD_QC_TYPE for a list of possible values. A NULL value represents a non-QC sample.

Table B-8.0-1
Description of Phase II Confirmation Sample Database Fields

Field Name	Description
FLD_MATRIX_CODE	A code associated with the sample matrix, as perceived by the field person. See LUT_FLD_MATRIX for a list of possible values.
FU4_QUAL	This field indicates the qualifier that was assigned by the analytical laboratory.
IDL	The instrument detection limit.
LAB_CODE	An identifier for the specific analytical laboratory that performed the analysis.
LAB_NAME	The name of the analytical laboratory that performed the sample analysis and provided the analytical data.
LAB_REPORT_NUM	An identifier that is used to link request numbers that are submitted together for analysis.
LAB_QUALIFIER	A string of single-letter result qualifiers assigned by the analytical laboratory, based on defined rules and values.
LANL_QUALIFIER_1	A string of single-letter result qualifiers assigned by the Laboratory, based on defined rules and values. Multiple Laboratory qualifiers may be assigned to one result. See LUT_LANL_QUALIFIER for a list of possible values.
LANL_QUALIFIER_2	A string of single-letter result qualifiers assigned by the Laboratory, based on defined rules and values. Multiple Laboratory qualifiers may be assigned to one result.
LANL_QUALIFIER_3	A string of single-letter result qualifiers assigned by the Laboratory, based on defined rules and values. Multiple Laboratory qualifiers may be assigned to one result.
LANL_QUALIFIER_4	A string of single-letter result qualifiers assigned by the Laboratory, based on defined rules and values. Multiple Laboratory qualifiers may be assigned to one result.
LANL_QUALIFIER_REASON_1	A code that represents the reason for the corresponding Laboratory qualifier, based on defined rules and values. If multiple Laboratory qualifiers are assigned to one result, there will be a corresponding reason code for each qualifier. See LUT_LANL_QUALIFIER_REASON for the descriptions of reason codes.
LANL_QUALIFIER_REASON_2	A code that represents the reason for the corresponding Laboratory qualifier, based on defined rules and values. If multiple Laboratory qualifiers are assigned to one result, there will be a corresponding reason code for each qualifier. See LUT_LANL_QUALIFIER_REASON for the descriptions of reason codes.
LANL_QUALIFIER_REASON_3	A code that represents the reason for the corresponding Laboratory qualifier, based on defined rules and values. If multiple Laboratory qualifiers are assigned to one result, there will be a corresponding reason code for each qualifier. See LUT_LANL_QUALIFIER_REASON for the descriptions of reason codes.
LANL_QUALIFIER_REASON_4	A code that represents the reason for the corresponding Laboratory qualifier, based on defined rules and values. If multiple Laboratory qualifiers are assigned to one result, there will be a corresponding reason code for each qualifier. See LUT_LANL_QUALIFIER_REASON for the descriptions of reason codes.
LANL_SET_TYPE_CODE_1	Validation set type code, indicating the process that was used in the validation.
LANL_SET_TYPE_CODE_2	Validation set type code, indicating the process that was used in the validation.
LANL_SET_TYPE_CODE_3	Validation set type code, indicating the process that was used in the validation.
LANL_SET_TYPE_CODE_4	Validation set type code, indicating the process that was used in the validation.
LOCATION_ID	A unique identification number assigned to a specific location which may have corresponding *x* and *y* coordinates. The format is represented by TA-*NNNNN*. (This field maps to LOCATION_NAME in DATADM.LOCATION_HDR.)
MATRIX	A description of the sample matrix, as reported by the analytical laboratory.

Table B-8.0-1
Description of Phase II Confirmation Sample Database Fields

Field Name	Description
MDA	The method detection activity.
MDL	The method detection limit.
MEDIA_CODE	An alias for EVAL_CLASS_CODE, indicating the environmental media that will be compared to background.
PERCENT_MOISTURE	The percentage of a sample that is composed of water, as reported by the analytical laboratory. The percentage of moisture may be listed in this field or it may be listed as an individual analyte with the result listed in the SAMPLE_VALUE field.
RFI_REASON_CODE	A code that identifies the reason a qualifier was assigned to an analytical result.
SAMPLE_ID	A unique sample identifier assigned by Laboratory specification. The SAMPLE_ID format varies, depending upon the Laboratory sampling organization that was responsible for collecting the sample.
SAMPLE_TECH_CODE	A code associated with the sample analytical method, as reported by the analytical laboratory.
SAMPLE_TYPE_CODE	A code associated with the type of sample for which analytical results are being provided, as reported by the analytical laboratory.
SAMPLE_USG_CODE	A code that indicates the purpose for which a sample was obtained and analyzed. See LUT_SAMPLE_USG for a list of codes.
SAMPLE_VALUE	The reportable result for the analyte, as received from the analytical laboratory. (This field maps to RESULT in FIMAD.ANYL.)
SEQ_NUM	A unique sequence number that provides a primary key to the FIMAD.ANYL database table.
SHIPPING_DATE	The date the sample was shipped to the analytical laboratory.
STD_REPORTING_UNITS	The standard unit of measure assigned by the Laboratory, calculated from an algorithm chosen by the apparent appropriateness of the unit for the matrix and analyte for the record.
PRS	The acronym for potential release site; a spatial and/or regulatory definition for a potentially contaminated area.
PRS_ORDER	Sorting field for PRS.
QUANT_LMT	The quantitation limit.
REQUEST_NUM	An identifier, assigned by the Laboratory, used to designate a group of samples that were submitted to the analytical laboratory for analysis at the same time.
RFI_CLASS	An identifier, assigned by the Laboratory, used for gross grouping of analytical data by RAD, ORGANIC, and INORGANIC.
STD_SAMPLE_VALUE	A value that is obtained by the Laboratory performing calculations on the result reported by the analytical laboratory to convert the value from the reporting units to standardized units, to allow comparison between analytical records using a standard unit of measure. (This field maps to STD_RESULT in FIMAD.ANYL.)
STD_UNCERTAINTY	A value that is obtained by the Laboratory performing calculations on the uncertainty reported by the analytical laboratory to convert the value from the reporting units to standardized units, to allow comparison between analytical records using a standard unit of measure.
TEXT_RESULT	Free text comments about an analytical result, provided by the analytical laboratory.

Table B-8.0-1
Description of Phase II Confirmation Sample Database Fields

Field Name	Description
UNCERTAINTY	The uncertainty associated with a sample value, as reported by the analytical laboratory. For radionuclide results received since April 1995, the uncertainty value is the 1-sigma TPU associated with the measurement.
URI	A sequence number which provides a primary key for the table.

Tables B-8.0-2, B-8.0-3, and B-8.0-4 are located in Volume 2 of 2 in this document.

ID	SID
1	0816-01-0027
2	0816-01-0028
3	0816-01-0029
4	0816-01-0030
5	0816-01-0031
6	0816-01-0032
7	0816-01-0033
8	0816-01-0034
9	0816-01-0035
10	0816-01-0036
11	0816-01-0037
12	0816-01-0039
13	0816-01-0040
14	0816-01-0041
15	0816-01-0042
16	0816-01-0043
17	0816-01-0044
18	0816-01-0045
19	0816-01-0046
20	0816-01-0047
21	0816-01-0048
22	0816-01-0049
23	0816-01-0050
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31	0816-01-0058
32	0816-01-0059
33	0816-01-0060
34	0816-01-0061
35	0816-01-0062
36	0816-01-0063
37	0816-01-0064
38	0816-01-0065
39	0816-01-0066
40	0816-01-0067
41	0816-01-0068
42	0816-01-0069
43	0816-01-0070
44	0816-01-0071
45	0816-01-0072
46	0816-01-0073

ID	SID
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48	0816-01-0075
49	0816-01-0076
50	0816-01-0077
51	0816-01-0078
52	0816-01-0079
53	0816-01-0080
54	0816-01-0081
55	0816-01-0082
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59	0816-01-0086
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61	0816-01-0088
62	0816-01-0090
63	0816-01-0091
64	0816-01-0092
65	0816-01-0093
66	0816-01-0094
67	0816-01-0095
68	0816-01-0096
69	0816-01-0097
70	0816-01-0098
71	0816-01-0099
72	0816-01-0100
73	0816-01-0101
74	0816-01-0102
75	0816-01-0103
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87	0816-01-0115
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ID	SID
93	0816-01-0121
94	0816-01-0122
95	0816-01-0123
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97	0816-01-0125
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135	0816-01-0165
136	0816-01-0166
137	0816-01-0168

ID	SID
138	0816-01-0169
139	0816-01-0170
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166	0816-01-0198
167	0816-01-0199
168	0816-01-0200
169	0816-01-0201
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171	0816-01-0203
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174	0816-01-0206
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182	0816-01-0215
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187	0816-01-0220
188	0816-01-0221
189	0816-01-0222
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203	0816-01-0236
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205	0816-01-0238
206	0816-01-0239
207	0816-01-0240
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213	0816-01-0246
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216	0816-01-0249
217	0816-01-0250
218	0816-01-0251
219	0816-01-0252
220	0816-01-0253
221	0816-01-0254
222	0816-01-0255
223	0816-01-0256
224	0816-01-0257
225	0816-01-0258
226	0816-01-0259
227	0816-01-0260
228	0816-01-0261
229	0816-01-0262

ID	SID
230	0816-01-0263
231	0816-01-0264
232	0816-01-0265
233	0816-01-0266
234	0816-01-0267
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236	0816-01-0269
237	0816-01-0270
238	0816-01-0271
239	0816-01-0272
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241	0816-01-0279
242	0816-01-0282
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244	0816-01-0284
245	0816-01-0289
246	0816-01-0293
247	0816-01-0294
248	0816-01-0295
249	0816-01-0297
250	0816-01-0298
251	0816-01-0299
252	0816-01-0300
253	0816-01-0301
254	0816-01-0302
255	0816-01-0303
256	0816-01-0304
257	0816-01-0305
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259	0816-01-0307
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266	0816-01-0314
267	0816-01-0315
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269	0816-01-0317
270	0816-01-0318
271	0816-01-0319
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273	0816-01-0321
274	0816-01-0322
275	0816-01-0323

ID	SID
276	0816-01-0324
277	0816-01-0325
278	0816-01-0326
279	0816-01-0327
280	0816-01-0328
281	0816-01-0329
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283	0816-01-0332
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285	0816-01-0334
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287	0816-01-0336
288	0816-01-0337
289	0816-01-0338
290	0816-01-0339
291	0816-01-0351
292	0816-01-0352
293	0816-01-0354
294	0816-01-0357
295	0816-01-0358
296	0816-01-0359
297	0816-01-0360
298	0816-01-0361
299	0816-02-0001
300	RE16-02-4494
301	RE16-02-4494
302	RE16-02-4494
303	RE16-02-4494
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311	RE16-02-4495
312	RE16-02-4500
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317	RE16-02-4543
318	RE16-02-4544
319	RE16-02-4544
320	RE16-02-4544
321	RE16-02-4544

ID	SID
322	RE16-02-4547
323	RE16-02-4547
324	RE16-02-4579
325	RE16-02-4579
326	RE16-02-4579
327	RE16-02-4579
328	RE16-02-4640
329	RE16-02-4640
330	RE16-02-4640
331	RE16-02-4640
332	RE16-02-4641

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
30177752	30177752	132267	9660R	0816-01-0325	
30177772	30177772	132292	9660R	0816-01-0326	
30177782	30177782	132293	9660R	0816-01-0327	
30177792	30177792	132294	9660R	0816-01-0328	
30177802	30177802	132295	9660R	0816-01-0329	
30177742	30177742	132266	9660R	0816-01-0333	
30177762	30177762	132268	9660R	0816-01-0334	
27920522	27920522	132099	213S	0816-01-0354	
27920542	27920542	132103	213S	0816-01-0357	
27920482	27920482	131983	213S	0816-01-0358	
27920552	27920552	132104	213S	0816-01-0359	
27920562	27920562	132107	213S	0816-01-0360	
27920572	27920572	132108	213S	0816-01-0361	
27920492	27920492	132094	213S	0816-01-0352	

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	DEPTH
0	16-20526	27.3	28.3	FT	27.3-28.3 FT
0	16-20526	53.5	54.5	FT	53.5-54.5 FT
0	16-20557	18.7	19.6	FT	18.7-19.6 FT
0	16-20557	66	67	FT	66-67 FT
0	16-20557	52.6	53.6	FT	52.6-53.6 FT
0	16-20557	36.7	37.4	FT	36.7-37.4 FT
0	16-20557	11.7	12.6	FT	11.7-12.6 FT
0	16-20277E	0	1	FT	0-1 FT
0	16-20241	0	1	FT	0-1 FT
0	16-20241	0	1	FT	0-1 FT
0	16-20278	0	1	FT	0-1 FT
0	16-20386	0	1	FT	0-1 FT
0	16-20314	0	1	FT	0-1 FT
0	16-20240	0	1	FT	0-1 FT

FLD_MATRIX_C	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	ALLH	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	QBT3	OTHER	PCNT_MOIST	Percent Moistu
R	SD	ALLH	OTHER	PCNT_MOIST	Percent Moistu
R	SD	ALLH	OTHER	PCNT_MOIST	Percent Moistu

PERCENT_MOI	IDL	MDL	MDA	QUANT_LMT	DLC
0.4				0.1	
0.22				0.1	
0.26				0.1	
0.16				0.1	
0.17				0.1	
0.18				0.1	
0.1				0.1	
7.9				0.1	
10				0.1	
10				0.1	
8.8				0.1	
15				0.1	
3				0.1	
10				0.1	

DILUTION_FAC	TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_
1		0.4		PCT	
1		0.22		PCT	
1		0.26		PCT	
1		0.16		PCT	
1		0.17		PCT	
1		0.18		PCT	
1		0.1		PCT	
1		7.9		PCT	7.9
1		10.3		PCT	10.3
1		10.2		PCT	10.2
1		8.8		PCT	8.8
1		14.8		PCT	14.8
1		3		PCT	3
1		10.2		PCT	10.2

STD_UNCERTA	STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI
		NQ	NNQ		NQ
		NQ	NNQ		NQ
		NQ	NNQ		NQ
		NQ	NNQ		NQ
		NQ	NNQ		NQ
		NQ	NNQ		NQ
		NQ	NNQ		NQ
	PCT	NQ	NNQ		NQ
	PCT	NQ	NNQ		NQ
	PCT	NQ	NNQ		NQ
	PCT	NQ	NNQ		NQ
	PCT	NQ	NNQ		NQ
	PCT	NQ	NNQ		NQ
	PCT	NQ	NNQ		NQ

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	
				NNQ	

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		
			REPORTING		

LANL_SET_TYP	LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C
		NA	CS	TR	EPA:160.3
		NA	CS	TR	EPA:160.3
		NA	CS	TR	EPA:160.3
		NA	CS	TR	EPA:160.3
		NA	CS	TR	EPA:160.3
		NA	CS	TR	EPA:160.3
		NA	CS	TR	EPA:160.3
		NA	CS	PERC_MOIST	Generic:Percen
		NA	CS	PERC_MOIST	Generic:Percen
		FD	CS	PERC_MOIST	Generic:Percen
		NA	CS	PERC_MOIST	Generic:Percen
		NA	CS	PERC_MOIST	Generic:Percen
		NA	CS	PERC_MOIST	Generic:Percen
		NA	CS	PERC_MOIST	Generic:Percen

LAB_CODE	LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_
STSL	Severn Trent L	8/31/2001	8/29/2001	001 8:45:00 AM
STSL	Severn Trent L	8/31/2001	8/29/2001	001 9:00:00 AM
STSL	Severn Trent L	8/31/2001	8/29/2001	001 9:10:00 AM
STSL	Severn Trent L	8/31/2001	8/29/2001	001 9:20:00 AM
STSL	Severn Trent L	8/31/2001	8/29/2001	001 9:30:00 AM
STSL	Severn Trent L	8/31/2001	8/29/2001	001 9:45:00 AM
STSL	Severn Trent L	8/31/2001	8/29/2001	01 10:00:00 AM
STSL	Severn Trent L	11/19/2001	11/14/2001	001 9:00:00 AM
STSL	Severn Trent L	11/19/2001	11/14/2001	001 9:45:00 AM
STSL	Severn Trent L	11/19/2001	11/14/2001	001 9:45:00 AM
STSL	Severn Trent L	11/19/2001	11/14/2001	01 10:00:00 AM
STSL	Severn Trent L	11/19/2001	11/14/2001	01 10:15:00 AM
STSL	Severn Trent L	11/19/2001	11/14/2001	01 10:30:00 AM
STSL	Severn Trent L	11/19/2001	11/14/2001	001 8:30:00 AM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27376052	27376052	47202	9423R	0816-01-0256	
27376042	27376042	47140	9423R	0816-01-0255	
27378232	27378232	50365	9423R	0816-01-0248	
27378222	27378222	50364	9423R	0816-01-0249	
27376032	27376032	47099	9423R	0816-01-0250	
27376022	27376022	46640	9423R	0816-01-0251	
27376002	27376002	46607	9423R	0816-01-0252	
27376012	27376012	46630	9423R	0816-01-0253	
27378242	27378242	50574	9423R	0816-01-0254	
27553112	27553112	9384	9206R	0816-01-0294	
27639452	27639452	106080	9206R	0816-01-0294	
27639462	27639462	106081	9206R	0816-01-0294	
27639472	27639472	106082	9206R	0816-01-0294	
27639482	27639482	106083	9206R	0816-01-0294	
27639492	27639492	106084	9206R	0816-01-0294	
27639502	27639502	106085	9206R	0816-01-0294	
27639512	27639512	106086	9206R	0816-01-0294	
27672932	27672932	132780	9206R	0816-01-0294	
27672942	27672942	132781	9206R	0816-01-0294	
27672952	27672952	132782	9206R	0816-01-0294	
27698042	27698042	46141	9437R	0816-01-0264	
27555872	27555872	11479	9206R	0816-01-0289	
27639302	27639302	106065	9206R	0816-01-0289	
27639312	27639312	106066	9206R	0816-01-0289	
27639322	27639322	106067	9206R	0816-01-0289	
27639332	27639332	106068	9206R	0816-01-0289	
27639342	27639342	106069	9206R	0816-01-0289	
27639352	27639352	106070	9206R	0816-01-0289	
27639362	27639362	106071	9206R	0816-01-0289	
27639372	27639372	106072	9206R	0816-01-0289	
27639382	27639382	106073	9206R	0816-01-0289	
27672882	27672882	132775	9206R	0816-01-0289	
27599922	27599922	34092	9206R	0816-01-0293	
27639392	27639392	106074	9206R	0816-01-0293	
27639402	27639402	106075	9206R	0816-01-0293	
27639412	27639412	106076	9206R	0816-01-0293	
27639422	27639422	106077	9206R	0816-01-0293	
27639432	27639432	106078	9206R	0816-01-0293	
27639442	27639442	106079	9206R	0816-01-0293	
27672892	27672892	132776	9206R	0816-01-0293	
27672902	27672902	132777	9206R	0816-01-0293	
27672912	27672912	132778	9206R	0816-01-0293	
27672922	27672922	132779	9206R	0816-01-0293	
27696442	27696442	45517	9437R	0816-01-0266	
27375762	27375762	45510	9423R	0816-01-0257	
27375752	27375752	45414	9423R	0816-01-0258	

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
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N	NA	SS	CLN	Not Applicable	
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N	NA	HA	CLN	Not Applicable	
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N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	QC	Not Applicable	
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N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20702	0	12	IN	R
0	16-20702T	0	12	IN	S
0	16-20592	0	12	IN	S
0	16-20741	5	5	FT	S
0	16-20741	24	36	IN	S
0	16-20661	24	36	IN	S
0	16-20661	6	7	FT	S
0	16-20694T	24	36	IN	S
0	16-20694T	10	10	FT	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20595	0	12	IN	R
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20598	24	36	IN	R
0	16-20702T	4	5	FT	R
0	16-20702	48	60	IN	R

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
SO	QBT3	INORGANIC	CR(VI)	Chromium hex	12
SO	ALLH	INORGANIC	CR(VI)	Chromium hex	11
SO	FILL	INORGANIC	CR(VI)	Chromium hex	11
SO	ALLH	INORGANIC	CR(VI)	Chromium hex	15
SO	ALLH	INORGANIC	CR(VI)	Chromium hex	14
SO	ALLH	INORGANIC	CR(VI)	Chromium hex	7.9
SO	ALLH	INORGANIC	CR(VI)	Chromium hex	15
SO	ALLH	INORGANIC	CR(VI)	Chromium hex	15
SO	ALLH	INORGANIC	CR(VI)	Chromium hex	8.1
SO	FILL	ORGANIC	93-76-5	T[2,4,5-]	24
SD	FILL	ORGANIC	93-76-5	T[2,4,5-]	24
SD	FILL	ORGANIC	93-72-1	TP[2,4,5-]	24
SD	FILL	ORGANIC	94-82-6	DB[2,4-]	24
SD	FILL	ORGANIC	75-99-0	Dalapon	24
SD	FILL	ORGANIC	120-36-5	Dichlorprop	24
SD	FILL	ORGANIC	88-85-7	Dinoseb	24
SD	FILL	ORGANIC	94-74-6	MCPA	24
SO	FILL	ORGANIC	1918-00-9	Dicamba	24
SO	FILL	ORGANIC	94-75-7	D[2,4-]	24
SO	FILL	ORGANIC	7085-19-0	(+-)-2-(4-chloro	24
SO	QBT3	INORGANIC	CR(VI)	Chromium hex	6.6
SO	FILL	ORGANIC	93-76-5	T[2,4,5-]	16
SD	FILL	ORGANIC	93-76-5	T[2,4,5-]	16
SD	FILL	ORGANIC	93-72-1	TP[2,4,5-]	16
SD	FILL	ORGANIC	94-82-6	DB[2,4-]	16
SD	FILL	ORGANIC	75-99-0	Dalapon	16
SD	FILL	ORGANIC	1918-00-9	Dicamba	16
SD	FILL	ORGANIC	120-36-5	Dichlorprop	16
SD	FILL	ORGANIC	88-85-7	Dinoseb	16
SD	FILL	ORGANIC	94-74-6	MCPA	16
SD	FILL	ORGANIC	7085-19-0	(+-)-2-(4-chloro	16
SD	FILL	ORGANIC	94-75-7	D[2,4-]	16
SO	FILL	ORGANIC	93-76-5	T[2,4,5-]	4.6
SD	FILL	ORGANIC	93-76-5	T[2,4,5-]	4.59
SD	FILL	ORGANIC	93-72-1	TP[2,4,5-]	4.59
SD	FILL	ORGANIC	94-82-6	DB[2,4-]	4.59
SD	FILL	ORGANIC	75-99-0	Dalapon	4.59
SD	FILL	ORGANIC	88-85-7	Dinoseb	4.59
SD	FILL	ORGANIC	7085-19-0	(+-)-2-(4-chloro	4.59
SO	FILL	ORGANIC	120-36-5	Dichlorprop	4.6
SO	FILL	ORGANIC	94-74-6	MCPA	4.6
SO	FILL	ORGANIC	94-75-7	D[2,4-]	4.6
SO	FILL	ORGANIC	1918-00-9	Dicamba	4.6
SO	QBT3	INORGANIC	CR(VI)	Chromium hex	11
SO	QBT4	INORGANIC	CR(VI)	Chromium hex	11
SO	QBT4	INORGANIC	CR(VI)	Chromium hex	12

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
	0.062				1
	0.061				1
	0.061				1
	0.064				1
	0.063				1
	0.059				1
	0.064				1
	0.064				1
	0.059				1
	8.3		26		1
	8.3		26		1
	2.7		26		1
	89		100		1
	37		52		1
	25		100		1
	16		33		1
	5500		10000		1
	34		52		1
	26		100		1
	3800		10000		1
	0.058		0.43		1
	7.6		24		1
	7.6		24		1
	2.4		24		1
	81		95		1
	34		48		1
	31		48		1
	23		95		1
	14		30		1
	5000		9500		1
	3500		9500		1
	3500		9500		1
	6.7		21		1
	6.7		21		1
	2.1		21		1
	71		84		1
	30		42		1
	13		26		1
	3100		8400		1
	20		84		1
	4400		8400		1
	20		84		1
	27		42		1
	0.061		0.45		1
	0.061				1
	0.062				1

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	0.46		MG/KG	0.46	
	0.45		MG/KG	0.45	
	0.45		MG/KG	0.45	
	0.47		MG/KG	0.47	
	0.47		MG/KG	0.47	
	0.43		MG/KG	0.43	
	0.47		MG/KG	0.47	
	0.47		MG/KG	0.47	
	0.44		MG/KG	0.44	
	26		UG/KG	0.026	
	26		UG/KG	0.026	
	26		UG/KG	0.026	
	100		UG/KG	0.1	
	52		UG/KG	0.052	
	100		UG/KG	0.1	
	33		UG/KG	0.033	
	10000		UG/KG	10	
	52		UG/KG	0.052	
	100		UG/KG	0.1	
	10000		UG/KG	10	
	0.43		MG/KG	0.43	
	24		UG/KG	0.024	
	24		UG/KG	0.024	
	24		UG/KG	0.024	
	95		UG/KG	0.09500001	
	48		UG/KG	0.048	
	48		UG/KG	0.048	
	95		UG/KG	0.09500001	
	30		UG/KG	0.03	
	9500		UG/KG	9.5	
	9500		UG/KG	9.5	
	95		UG/KG	0.09500001	
	21		UG/KG	0.021	
	21		UG/KG	0.021	
	21		UG/KG	0.021	
	84		UG/KG	0.08400001	
	42		UG/KG	0.042	
	26		UG/KG	0.026	
	8400		UG/KG	8.400001	
	84		UG/KG	0.08400001	
	8400		UG/KG	8.400001	
	84		UG/KG	0.08400001	
	42		UG/KG	0.042	
	0.45		MG/KG	0.45	
	0.45		MG/KG	0.45	
	0.46		MG/KG	0.46	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	P12a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	P12a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P12a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	P9a	U	R	R
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			OP12a	P12a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			I3g	I3g	
			OP12a	P12a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP12a	P12a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			OP9a	P9a	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	

LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TY	LANL_SET_TY	LANL_SET_TY	LANL_SET_TY
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
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		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		

LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	FD	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	CS	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	RE	HERB	SW-846:8151	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_	REMOVE
Severn Trent L	8/14/2001	7/25/2001	01 11:00:00 AM	
Severn Trent L	8/14/2001	7/25/2001	01 11:00:00 AM	
Severn Trent L	8/14/2001	7/25/2001	001 8:30:00 AM	
Severn Trent L	8/14/2001	7/25/2001	001 8:45:00 AM	
Severn Trent L	8/14/2001	7/25/2001	001 9:00:00 AM	
Severn Trent L	8/14/2001	7/25/2001	001 9:15:00 AM	
Severn Trent L	8/14/2001	7/25/2001	001 9:30:00 AM	
Severn Trent L	8/14/2001	7/25/2001	001 9:50:00 AM	
Severn Trent L	8/14/2001	7/25/2001	01 10:20:00 AM	
Severn Trent L	8/1/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	8/7/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:50:00 AM	X
Severn Trent L	8/14/2001	7/25/2001	001 8:30:00 AM	
Severn Trent L	8/1/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:25:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/7/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/7/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/1/2001	7/5/2001	01 10:48:00 AM	X
Severn Trent L	8/14/2001	7/25/2001	001 9:30:00 AM	
Severn Trent L	8/14/2001	7/25/2001	01 11:20:00 AM	
Severn Trent L	8/14/2001	7/25/2001	01 11:20:00 AM	

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27375962	27375962	45975	9423R	0816-01-0259	
27375972	27375972	45976	9423R	0816-01-0260	
27698692	27698692	47218	9437R	0816-01-0263	
27696432	27696432	45512	9437R	0816-01-0265	
27740742	27740742	28306	9706R	0816-01-0335	
27740552	27740552	28182	9706R	0816-01-0336	
27740722	27740722	28304	9706R	0816-01-0337	
27740092	27740092	27998	9706R	0816-01-0338	
27739772	27739772	27860	9706R	0816-01-0339	
27739682	27739682	27795	9706R	0816-01-0351	
27775312	27775312	14315	9142R	0816-01-0088	

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	SS	CLN	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	CBS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20596	0	12	IN	R
0	16-20596	0	12	IN	R
0	16-20595	0	12	IN	R
0	16-20598	0	12	IN	R
0	16-20516	29.2	29.9	FT	R
0	16-20516	8.8	9.5	FT	R
0	16-20554	47.5	48.1	FT	R
0	16-20554	76.1	76.8	FT	R
0	16-20554	41.5	42.2	FT	R
0	16-20554	19.7	20.3	FT	R
0	16-20562	24	36	IN	R

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
SO	QBT3	INORGANIC	CR(VI)	Chromium hex	5.3
SO	QBT3	INORGANIC	CR(VI)	Chromium hex	6.1
SO	QBT3	INORGANIC	CR(VI)	Chromium hex	5.9
SO	QBT3	INORGANIC	CR(VI)	Chromium hex	8
SO	QBT3	INORGANIC	PB	Lead	1.2
SO	QBT3	INORGANIC	PB	Lead	0.27
SO	QBT3	INORGANIC	PB	Lead	0.12
SO	QBT3	INORGANIC	PB	Lead	1.3
SO	QBT3	INORGANIC	PB	Lead	0.24
SO	QBT3	INORGANIC	PB	Lead	0.78
SO	QBT3	INORGANIC	TL	Thallium	8.79

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
	0.057				1
	0.058				1
	0.057		0.43		1
	0.059		0.43		1
	0.2		2		5
	0.2		2		5
	0.2		2		5
	0.2		2		5
	0.2		2		5
	0.2		2		5
	0.012		1.1		5

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	0.42		MG/KG	0.42	
	0.43		MG/KG	0.43	
	0.43		MG/KG	0.43	
	0.43		MG/KG	0.43	
	5.5		MG/KG	5.5	
	2.6		MG/KG	2.6	
	1.9		MG/KG	1.9	
	3.9		MG/KG	3.9	
	2.7		MG/KG	2.7	
	3.2		MG/KG	3.2	
	0.012		MG/KG	0.012	

STD_REPORTI	FU4_QUAL	RFI_REASON_(	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f	U	UJ	UJ
MG/KG	R	I3f		J-	J-
MG/KG	R	I3f		J-	J-
MG/KG	R	I3f	B	J-	J
MG/KG	R	I3f		J-	J-
MG/KG	R	I3f		J-	J-
MG/KG	R	I3f		J-	J-
MG/KG	R	I3f	UN	UJ	UJ

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3g	I3g	
			I3f	I3f	
			I3f	I3f	
J-			I3f	I1	I3f
			I3f	I3f	
			I3f	I3f	
			I3f	I3f	
			I3g	I3g	

LANL_QUALIFII	LANL_QUALIFII	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		

LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	NA	CS	HEX_CR	SW-846:7196	STSL
	FD	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	HEX_CR	SW-846:7196	STSL
	NA	CS	METALS	SW-846:6020	STSL
	NA	CS	METALS	SW-846:6020	STSL
	NA	CS	METALS	SW-846:6020	STSL
	NA	CS	METALS	SW-846:6020	STSL
	NA	CS	METALS	SW-846:6020	STSL
	NA	CS	METALS	SW-846:6020	STSL
	NA	CS	METALS	SW-846:6010B	STSL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_	REMOVE
Severn Trent L	8/14/2001	7/25/2001	001 1:05:00 PM	
Severn Trent L	8/14/2001	7/25/2001	001 1:10:00 PM	
Severn Trent L	8/14/2001	7/25/2001	001 8:30:00 AM	
Severn Trent L	8/14/2001	7/25/2001	001 9:05:00 AM	
Severn Trent L	9/27/2001	9/6/2001	01 10:00:00 AM	
Severn Trent L	9/27/2001	9/6/2001	01 10:05:00 AM	
Severn Trent L	9/27/2001	9/6/2001	01 10:15:00 AM	
Severn Trent L	9/27/2001	9/6/2001	01 10:20:00 AM	
Severn Trent L	9/27/2001	9/6/2001	01 10:30:00 AM	
Severn Trent L	9/27/2001	9/6/2001	01 10:40:00 AM	
Severn Trent L	7/24/2001	6/27/2001	01 11:22:00 AM	

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27708562	27708562	137262	9468R	0816-01-0298	
27708572	27708572	137263	9468R	0816-01-0299	
27672712	27672712	132669	9301R	0816-01-0295	
27696952	27696952	45852	9468R	0816-01-0298	
27697052	27697052	45889	9468R	0816-01-0299	
27672362	27672362	132274	9301R	0816-01-0295	
26501772	26501772	S01507289	9210R	0816-01-0294	F1G060165
27801832	27801832	50716	9278R	0816-01-0297	
26501822	26501822	S01507248	9210R	0816-01-0289	F1G060165
26501632	26501632	S01507269	9210R	0816-01-0293	F1G060165
27697072	27697072	45891	9468R	0816-01-0298	
27697062	27697062	45890	9468R	0816-01-0299	
27672372	27672372	132275	9301R	0816-01-0295	
26501782	26501782	S01507290	9210R	0816-01-0294	F1G060165
27801672	27801672	50663	9278R	0816-01-0297	
26501832	26501832	S01507249	9210R	0816-01-0289	F1G060165
26501642	26501642	S01507270	9210R	0816-01-0293	F1G060165
27696762	27696762	45821	9468R	0816-01-0298	
27697022	27697022	45876	9468R	0816-01-0299	
27672422	27672422	132280	9301R	0816-01-0295	
27801702	27801702	50677	9278R	0816-01-0297	
27696872	27696872	45838	9468R	0816-01-0298	
27696752	27696752	45818	9468R	0816-01-0299	
27672432	27672432	132281	9301R	0816-01-0295	
27801692	27801692	50674	9278R	0816-01-0297	
27696802	27696802	45829	9468R	0816-01-0298	
27696902	27696902	45841	9468R	0816-01-0299	
27672462	27672462	132284	9301R	0816-01-0295	
26501532	26501532	S01507298	9210R	0816-01-0294	F1G060165
27801752	27801752	50694	9278R	0816-01-0297	
26501902	26501902	S01507258	9210R	0816-01-0289	F1G060165
26501692	26501692	S01507277	9210R	0816-01-0293	F1G060165
27696702	27696702	45812	9468R	0816-01-0298	
27696722	27696722	45814	9468R	0816-01-0299	
27672472	27672472	132285	9301R	0816-01-0295	
27531532	27531532	S01507299	9210R	0816-01-0294	F1G060165
27801662	27801662	50662	9278R	0816-01-0297	
27531512	27531512	S01507259	9210R	0816-01-0289	F1G060165
27531522	27531522	S01507278	9210R	0816-01-0293	F1G060165
27696882	27696882	45839	9468R	0816-01-0298	
27696992	27696992	45861	9468R	0816-01-0299	
27672442	27672442	132282	9301R	0816-01-0295	
26501512	26501512	S01507296	9210R	0816-01-0294	F1G060165
27801682	27801682	50672	9278R	0816-01-0297	
26501882	26501882	S01507256	9210R	0816-01-0289	F1G060165
26501682	26501682	S01507276	9210R	0816-01-0293	F1G060165

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20516	24	36	IN	R
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20516	24	36	IN	R
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
SO	QBT4	RAD	AC-228	Actinium-228	
SO	QBT3	RAD	AC-228	Actinium-228	
SD	QBT4	RAD	AC-228	Actinium-228	
SO	QBT4	RAD	BI-211	Bismuth-211	
SO	QBT3	RAD	BI-211	Bismuth-211	
SD	QBT4	RAD	BI-211	Bismuth-211	
SD	FILL	RAD	BI-211	Bismuth-211	
SO	QBT3	RAD	BI-211	Bismuth-211	
SD	FILL	RAD	BI-211	Bismuth-211	
SD	FILL	RAD	BI-211	Bismuth-211	
SO	QBT4	RAD	BI-214	Bismuth-214	
SO	QBT3	RAD	BI-214	Bismuth-214	
SD	QBT4	RAD	BI-214	Bismuth-214	
SD	FILL	RAD	BI-214	Bismuth-214	
SO	QBT3	RAD	BI-214	Bismuth-214	
SD	FILL	RAD	BI-214	Bismuth-214	
SD	FILL	RAD	BI-214	Bismuth-214	
SO	QBT4	RAD	EU-154	Europium-154	
SO	QBT3	RAD	EU-154	Europium-154	
SD	QBT4	RAD	EU-154	Europium-154	
SO	QBT3	RAD	EU-154	Europium-154	
SO	QBT4	RAD	EU-155	Europium-155	
SO	QBT3	RAD	EU-155	Europium-155	
SD	QBT4	RAD	EU-155	Europium-155	
SO	QBT3	RAD	EU-155	Europium-155	
SO	QBT4	RAD	K-40	Potassium-40	
SO	QBT3	RAD	K-40	Potassium-40	
SD	QBT4	RAD	K-40	Potassium-40	
SD	FILL	RAD	K-40	Potassium-40	
SO	QBT3	RAD	K-40	Potassium-40	
SD	FILL	RAD	K-40	Potassium-40	
SD	FILL	RAD	K-40	Potassium-40	
SO	QBT4	RAD	PA-233	Protactinium-2	
SO	QBT3	RAD	PA-233	Protactinium-2	
SD	QBT4	RAD	PA-233	Protactinium-2	
SD	FILL	RAD	PA-233	Protactinium-2	
SO	QBT3	RAD	PA-233	Protactinium-2	
SD	FILL	RAD	PA-233	Protactinium-2	
SD	FILL	RAD	PA-233	Protactinium-2	
SO	QBT4	RAD	PB-212	Lead-212	
SO	QBT3	RAD	PB-212	Lead-212	
SD	QBT4	RAD	PB-212	Lead-212	
SD	FILL	RAD	PB-212	Lead-212	
SO	QBT3	RAD	PB-212	Lead-212	
SD	FILL	RAD	PB-212	Lead-212	
SD	FILL	RAD	PB-212	Lead-212	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
	0	0.51			1
	0	0.41			1
		0.44			1
	0	1.5			1
	0	1.1			1
		1.1			1
		1.8			
	0	1.2			1
		1.6			
		1.5			
	0	0.61			1
	0	0.44			1
		0.49			1
		0.7			
	0	0.47			1
		0.65			
		0.62			
	0	1.3			1
	0	0.91			1
		0.91			1
	0	1.1			1
	0	0.38			1
	0	0.27			1
		0.24			1
	0	0.28			1
	0	2			1
	0	1.2			1
		1			1
		1.7			
	0	1			1
		2			
		1.6			
	0	0.21			1
	0	0.13			1
		0.14			1
		0.29			
	0	0.16			1
		0.22			
		0.21			
	0	0.19			1
	0	0.11			1
		0.16			1
		0.31			
	0	0.16			1
		0.26			
		0.23			

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	2.24	0.4	PCI/G	2.24	0.4
	1.2	0.255	PCI/G	1.2	0.255
	1.41	0.285	PCI/G	1.41	0.285
	3	0.5	PCI/G	3	0.5
	3.25	0.45	PCI/G	3.25	0.45
	2.12	0.345	PCI/G	2.12	0.345
	3.2	0.55	PCI/G	3.2	0.55
	3.32	0.48	PCI/G	3.32	0.48
	3.1	0.55	PCI/G	3.1	0.55
	2.36	0.46	PCI/G	2.36	0.46
	1.13	0.17	PCI/G	1.13	0.17
	1.05	0.135	PCI/G	1.05	0.135
	1.07	0.135	PCI/G	1.07	0.135
	0.92	0.2	PCI/G	0.92	0.2
	1	0.15	PCI/G	1	0.15
	0.84	0.185	PCI/G	0.84	0.185
	0.83	0.16	PCI/G	0.83	0.16
	-0.3	0.36	PCI/G	-0.3	0.36
	-0.003	0.25	PCI/G	-0.003	0.25
	0.13	0.225	PCI/G	0.13	0.225
	-0.24	0.31	PCI/G	-0.24	0.31
	0.13	0.105	PCI/G	0.13	0.105
	0.35	0.075	PCI/G	0.35	0.075
	0.1	0.065	PCI/G	0.1	0.065
	-0.02	0.08	PCI/G	-0.02	0.08
	41.9	3.5	PCI/G	41.9	3.5
	36.2	2.8	PCI/G	36.2	2.8
	32.3	2.75	PCI/G	32.3	2.75
	30.3	3.15	PCI/G	30.3	3.15
	32.1	2.55	PCI/G	32.1	2.55
	30	2.75	PCI/G	30	2.75
	29.9	2.9	PCI/G	29.9	2.9
	-0.01	0.06	PCI/G	-0.01	0.06
	0.014	0.036	PCI/G	0.014	0.036
	0.059	0.035	PCI/G	0.059	0.035
	0.12	0.075	PCI/G	0.12	0.075
	-0.008	0.0445	PCI/G	-0.008	0.0445
	-0.07	0.065	PCI/G	-0.07	0.065
	0.08	0.05	PCI/G	0.08	0.05
	1.51	0.2	PCI/G	1.51	0.2
	1.34	0.145	PCI/G	1.34	0.145
	0.92	0.115	PCI/G	0.92	0.115
	1.23	0.17	PCI/G	1.23	0.17
	0.97	0.13	PCI/G	0.97	0.13
	1.28	0.18	PCI/G	1.28	0.18
	1.18	0.15	PCI/G	1.18	0.15

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		NQ	
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	NQ	NQ		NQ	
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			GR16b	G_NQ	
			GR16b	G_NQ	
			G_NQ		
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
			G_NQ		
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
			GR5	GULAB	
U			GR5	GR11	GULAB
			GR5	GULAB	
			GR5	GULAB	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	

LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
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		LEGACY	LEGACY	REPORTING	
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		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		REPORTING			
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
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		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
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		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		

LANL_SET_TY	FIELD_QC_TY	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_	REMOVE
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27696832	27696832	45833	9468R	0816-01-0298	
27696712	27696712	45813	9468R	0816-01-0299	
27672452	27672452	132283	9301R	0816-01-0295	
26501522	26501522	S01507297	9210R	0816-01-0294	F1G060165
27801772	27801772	50696	9278R	0816-01-0297	
26501892	26501892	S01507257	9210R	0816-01-0289	F1G060165
26501602	26501602	S01507306	9210R	0816-01-0293	F1G060165
27708582	27708582	137264	9468R	0816-01-0299	
27696912	27696912	45843	9468R	0816-01-0298	
27697042	27697042	45884	9468R	0816-01-0299	
27672352	27672352	132273	9301R	0816-01-0295	
26501762	26501762	S01507288	9210R	0816-01-0294	F1G060165
27801842	27801842	50731	9278R	0816-01-0297	
26501812	26501812	S01507247	9210R	0816-01-0289	F1G060165
26501622	26501622	S01507268	9210R	0816-01-0293	F1G060165
27696972	27696972	45855	9468R	0816-01-0298	
27696942	27696942	45848	9468R	0816-01-0299	
27672502	27672502	132288	9301R	0816-01-0295	
26501552	26501552	S01507301	9210R	0816-01-0294	F1G060165
27801742	27801742	50692	9278R	0816-01-0297	
26501932	26501932	S01507262	9210R	0816-01-0289	F1G060165
26501722	26501722	S01507281	9210R	0816-01-0293	F1G060165
27696892	27696892	45840	9468R	0816-01-0298	
27696842	27696842	45835	9468R	0816-01-0299	
27672512	27672512	132289	9301R	0816-01-0295	
26501562	26501562	S01507302	9210R	0816-01-0294	F1G060165
27801792	27801792	50708	9278R	0816-01-0297	
26501942	26501942	S01507263	9210R	0816-01-0289	F1G060165
26501732	26501732	S01507282	9210R	0816-01-0293	F1G060165
27697002	27697002	45862	9468R	0816-01-0298	
27696982	27696982	45856	9468R	0816-01-0299	
27672492	27672492	132287	9301R	0816-01-0295	
26501542	26501542	S01507300	9210R	0816-01-0294	F1G060165
27801802	27801802	50709	9278R	0816-01-0297	
26501712	26501712	S01507280	9210R	0816-01-0293	F1G060165
26501922	26501922	S01507261	9210R	0816-01-0289	F1G060165

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	24	36	IN	R
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20004	0	6	IN	S
0	16-20006	0	6	IN	S

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
SO	QBT4	RAD	PB-214	Lead-214	
SO	QBT3	RAD	PB-214	Lead-214	
SD	QBT4	RAD	PB-214	Lead-214	
SD	FILL	RAD	PB-214	Lead-214	
SO	QBT3	RAD	PB-214	Lead-214	
SD	FILL	RAD	PB-214	Lead-214	
SD	FILL	RAD	PB-214	Lead-214	
SO	QBT3	RAD	RA-226	Radium-226	
SO	QBT4	RAD	SB-125	Antimony-125	
SO	QBT3	RAD	SB-125	Antimony-125	
SD	QBT4	RAD	SB-125	Antimony-125	
SD	FILL	RAD	SB-125	Antimony-125	
SO	QBT3	RAD	SB-125	Antimony-125	
SD	FILL	RAD	SB-125	Antimony-125	
SD	FILL	RAD	SB-125	Antimony-125	
SO	QBT4	RAD	TH-227	Thorium-227	
SO	QBT3	RAD	TH-227	Thorium-227	
SD	QBT4	RAD	TH-227	Thorium-227	
SD	FILL	RAD	TH-227	Thorium-227	
SO	QBT3	RAD	TH-227	Thorium-227	
SD	FILL	RAD	TH-227	Thorium-227	
SD	FILL	RAD	TH-227	Thorium-227	
SO	QBT4	RAD	TH-234	Thorium-234	
SO	QBT3	RAD	TH-234	Thorium-234	
SD	QBT4	RAD	TH-234	Thorium-234	
SD	FILL	RAD	TH-234	Thorium-234	
SO	QBT3	RAD	TH-234	Thorium-234	
SD	FILL	RAD	TH-234	Thorium-234	
SD	FILL	RAD	TH-234	Thorium-234	
SO	QBT4	RAD	TL-208	Thallium-208	
SO	QBT3	RAD	TL-208	Thallium-208	
SD	QBT4	RAD	TL-208	Thallium-208	
SD	FILL	RAD	TL-208	Thallium-208	
SO	QBT3	RAD	TL-208	Thallium-208	
SD	FILL	RAD	TL-208	Thallium-208	
SD	FILL	RAD	TL-208	Thallium-208	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
	0	0.24			1
	0	0.38			1
		0.17			1
		0.3			
	0	0.4			1
		0.28			
		0.22			
	0	0.2			1
	0	0.36			1
	0	0.21			1
		0.25			1
		0.44			
	0	0.28			1
		0.4			
		0.39			
	0	0.82			1
	0	0.5			1
		0.5			1
		1			
	0	0.66			1
		0.91			
		0.57			
	0	2.2			1
	0	1.3			1
		1.4			1
		2.3			
	0	1.6			1
		2.4			
		2			
	0	0.32			1
	0	0.09			1
		0.22			1
		0.35			
	0	0.21			1
		0.3			
		0.33			

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	1	0.165	PCI/G	1	0.165
	1.07	0.15	PCI/G	1.07	0.15
	0.7	0.115	PCI/G	0.7	0.115
	1.04	0.19	PCI/G	1.04	0.19
	1.09	0.16	PCI/G	1.09	0.16
	1.04	0.175	PCI/G	1.04	0.175
	0.78	0.15	PCI/G	0.78	0.15
	1.05	0.135	PCI/G	1.05	0.135
	-0.03	0.1	PCI/G	-0.03	0.1
	-0.03	0.06	PCI/G	-0.03	0.06
	0.03	0.07	PCI/G	0.03	0.07
	0.04	0.115	PCI/G	0.04	0.115
	0.11	0.075	PCI/G	0.11	0.075
	0.06	0.11	PCI/G	0.06	0.11
	0.04	0.105	PCI/G	0.04	0.105
	0.64	0.25	PCI/G	0.64	0.25
	0.26	0.155	PCI/G	0.26	0.155
	0.05	0.165	PCI/G	0.05	0.165
	0.52	0.3	PCI/G	0.52	0.3
	0.33	0.215	PCI/G	0.33	0.215
	0.49	0.28	PCI/G	0.49	0.28
	-0.1	0.195	PCI/G	-0.1	0.195
	0.7	0.6	PCI/G	0.7	0.6
	1.71	0.385	PCI/G	1.71	0.385
	0.82	0.44	PCI/G	0.82	0.44
	0.4	0.65	PCI/G	0.4	0.65
	-0.45	0.445	PCI/G	-0.45	0.445
	-0.5	0.65	PCI/G	-0.5	0.65
	1.3	0.5	PCI/G	1.3	0.5
	0.46	0.095	PCI/G	0.46	0.095
	0.52	0.07	PCI/G	0.52	0.07
	0.29	0.06	PCI/G	0.29	0.06
	0.35	0.1	PCI/G	0.35	0.1
	0.4	0.065	PCI/G	0.4	0.065
	0.34	0.08	PCI/G	0.34	0.08
	0.53	0.11	PCI/G	0.53	0.11

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	NQ	NQ		PM	NQ
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	U
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ
PCI/G	NQ	NQ		PM	NQ

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16b	G_NQ	
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
			GR5	GULAB	
U			GR5	GR11	GULAB
			GR5	GULAB	
			GR5	GULAB	
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
			GR5	GULAB	
U			GR5	GR11	GULAB
			GR5	GULAB	
			GR5	GULAB	
U			GR5	GR11	GULAB
			GR16c	G_NQ	
U			GR5	GR11	GULAB
			GR5	GULAB	
U			GR5	GR11	GULAB
			GR5	GULAB	
			GR5	GULAB	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	GR9a	
			GR16c	G_NQ	
			GR16c	G_NQ	
			GR16c	G_NQ	

LANL_QUALIFII	LANL_QUALIFII	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		

LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
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	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_	REMOVE
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27380502	27380502	113451	9788R	0816-01-0279	
27380512	27380512	113452	9788R	0816-01-0279	
27380522	27380522	113453	9788R	0816-01-0279	
27380532	27380532	113454	9788R	0816-01-0279	
27380542	27380542	113455	9788R	0816-01-0279	
27380552	27380552	113456	9788R	0816-01-0279	
27380562	27380562	113457	9788R	0816-01-0279	
27380572	27380572	113458	9788R	0816-01-0279	
27380582	27380582	113459	9788R	0816-01-0279	
27380592	27380592	113460	9788R	0816-01-0279	
27380602	27380602	113461	9788R	0816-01-0279	
27380612	27380612	113462	9788R	0816-01-0279	
27380622	27380622	113463	9788R	0816-01-0279	
27380632	27380632	113464	9788R	0816-01-0279	
27380642	27380642	113465	9788R	0816-01-0279	
27380652	27380652	113466	9788R	0816-01-0279	
27380662	27380662	113467	9788R	0816-01-0279	
27380672	27380672	113468	9788R	0816-01-0279	
27380682	27380682	113469	9788R	0816-01-0279	
27380692	27380692	113470	9788R	0816-01-0279	
27380702	27380702	113471	9788R	0816-01-0279	
27380712	27380712	113472	9788R	0816-01-0279	
27380722	27380722	113473	9788R	0816-01-0279	
27380732	27380732	113474	9788R	0816-01-0279	
27380742	27380742	113475	9788R	0816-01-0279	
27380752	27380752	113476	9788R	0816-01-0279	
27380762	27380762	113477	9788R	0816-01-0279	
27380772	27380772	113478	9788R	0816-01-0279	
27380782	27380782	113479	9788R	0816-01-0279	
27380792	27380792	113480	9788R	0816-01-0279	
27380802	27380802	113481	9788R	0816-01-0279	
27380812	27380812	113482	9788R	0816-01-0279	
27380822	27380822	113483	9788R	0816-01-0279	
27380832	27380832	113484	9788R	0816-01-0279	
27380842	27380842	113485	9788R	0816-01-0279	
27380852	27380852	113486	9788R	0816-01-0279	
27380862	27380862	113487	9788R	0816-01-0279	
27380872	27380872	113488	9788R	0816-01-0279	
27380882	27380882	113489	9788R	0816-01-0279	
27380892	27380892	113490	9788R	0816-01-0279	
27380902	27380902	113491	9788R	0816-01-0279	
27380912	27380912	113492	9788R	0816-01-0279	
27380922	27380922	113493	9788R	0816-01-0279	
27380932	27380932	113494	9788R	0816-01-0279	
27380942	27380942	113495	9788R	0816-01-0279	
27380952	27380952	113496	9788R	0816-01-0279	

EXCAV_FLAG	COMPOS_TYPI	SAMPLE_TECH	SAMPLE_USG_	FIELD_PREP	PRS
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_(
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
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0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
A	NA	ORGANIC	75-71-8	Dichlorodifluoro	
A	NA	ORGANIC	76-14-2	Dichloro-1,1,2,	
A	NA	ORGANIC	74-87-3	Chloromethane	
A	NA	ORGANIC	75-01-4	Vinyl Chloride	
A	NA	ORGANIC	74-83-9	Bromomethane	
A	NA	ORGANIC	75-00-3	Chloroethane	
A	NA	ORGANIC	75-69-4	Trichlorofluoro	
A	NA	ORGANIC	75-35-4	Dichloroethene	
A	NA	ORGANIC	76-13-1	Trichloro-1,2,2-	
A	NA	ORGANIC	75-09-2	Methylene Chlo	
A	NA	ORGANIC	75-34-3	Dichloroethane	
A	NA	ORGANIC	156-59-2	Dichloroethene	
A	NA	ORGANIC	67-66-3	Chloroform	
A	NA	ORGANIC	71-55-6	Trichloroethane	
A	NA	ORGANIC	56-23-5	Carbon Tetrach	
A	NA	ORGANIC	71-43-2	Benzene	
A	NA	ORGANIC	107-06-2	Dichloroethane	
A	NA	ORGANIC	79-01-6	Trichloroethene	
A	NA	ORGANIC	78-87-5	Dichloropropan	
A	NA	ORGANIC	10061-01-5	Dichloropropen	
A	NA	ORGANIC	108-88-3	Toluene	
A	NA	ORGANIC	10061-02-6	Dichloropropen	
A	NA	ORGANIC	79-00-5	Trichloroethane	
A	NA	ORGANIC	127-18-4	Tetrachloroeth	
A	NA	ORGANIC	106-93-4	Dibromoethane	
A	NA	ORGANIC	108-90-7	Chlorobenzene	
A	NA	ORGANIC	100-41-4	Ethylbenzene	
A	NA	ORGANIC	Xylene[1,3 and	Xylene[1,3-]+X	
A	NA	ORGANIC	95-47-6	Xylene[1,2-]	
A	NA	ORGANIC	100-42-5	Styrene	
A	NA	ORGANIC	79-34-5	Tetrachloroeth	
A	NA	ORGANIC	108-67-8	Trimethylbenze	
A	NA	ORGANIC	95-63-6	Trimethylbenze	
A	NA	ORGANIC	541-73-1	Dichlorobenzen	
A	NA	ORGANIC	106-46-7	Dichlorobenzen	
A	NA	ORGANIC	100-44-7	Benzyl Chlorid	
A	NA	ORGANIC	95-50-1	Dichlorobenzen	
A	NA	ORGANIC	120-82-1	Trichlorobenze	
A	NA	ORGANIC	87-68-3	Hexachlorobut	
A	NA	ORGANIC	115-07-1	Propylene	
A	NA	ORGANIC	106-99-0	Butadiene[1,3-]	
A	NA	ORGANIC	67-64-1	Acetone	
A	NA	ORGANIC	75-15-0	Carbon Disulfid	
A	NA	ORGANIC	67-63-0	Propanol[2-]	
A	NA	ORGANIC	156-60-5	Dichloroethene	
A	NA	ORGANIC	108-05-4	Vinyl acetate	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	1.6		PPBV	1.6	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	1.8		PPBV	1.8	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	350		PPBV	350	
	9.6		PPBV	9.6	
	19		PPBV	19	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	J	V7a		J	J
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	J	V7	E	J	J
PPBV	NQ	VNONE		NQ	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			VULAB		
			VULAB		
			V7a	V7a	
			VULAB		
			VULAB		
			VULAB		
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			VULAB		
			VULAB		
			VULAB		
			V7	V7	
			VNONE		
			VNONE		
			VULAB		
			VULAB		

LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			
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		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			
		REPORTING			

LANL_SET_TY	FIELD_QC_TY	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL

LAB_NAME	ANALYSIS_DAT	SHIPPING_DAT	COLLECTION_I
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
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Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
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Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
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Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27380962	27380962	113497	9788R	0816-01-0279	
27380972	27380972	113498	9788R	0816-01-0279	
27380982	27380982	113499	9788R	0816-01-0279	
27380992	27380992	113500	9788R	0816-01-0279	
27381002	27381002	113501	9788R	0816-01-0279	
27381012	27381012	113502	9788R	0816-01-0279	
27381022	27381022	113503	9788R	0816-01-0279	
27381032	27381032	113504	9788R	0816-01-0279	
27381042	27381042	113505	9788R	0816-01-0279	
27381052	27381052	113506	9788R	0816-01-0279	
27381062	27381062	113507	9788R	0816-01-0279	
27381072	27381072	113508	9788R	0816-01-0279	
27381082	27381082	113509	9788R	0816-01-0279	
27381092	27381092	113510	9788R	0816-01-0279	
27381102	27381102	113511	9788R	0816-01-0279	
27381112	27381112	113512	9788R	0816-01-0279	
27409212	27409212	132220	9788R	0816-01-0279	
27643252	27643252	113327	9565R	0816-01-0272	
27643262	27643262	113328	9565R	0816-01-0272	
27643272	27643272	113329	9565R	0816-01-0272	
27643282	27643282	113330	9565R	0816-01-0272	
27643292	27643292	113331	9565R	0816-01-0272	
27643302	27643302	113332	9565R	0816-01-0272	
27643312	27643312	113333	9565R	0816-01-0272	
27643322	27643322	113334	9565R	0816-01-0272	
27643332	27643332	113335	9565R	0816-01-0272	
27643342	27643342	113336	9565R	0816-01-0272	
27643352	27643352	113337	9565R	0816-01-0272	
27643362	27643362	113338	9565R	0816-01-0272	
27643372	27643372	113339	9565R	0816-01-0272	
27643382	27643382	113340	9565R	0816-01-0272	
27643392	27643392	113341	9565R	0816-01-0272	
27643402	27643402	113342	9565R	0816-01-0272	
27643412	27643412	113343	9565R	0816-01-0272	
27643422	27643422	113344	9565R	0816-01-0272	
27643432	27643432	113345	9565R	0816-01-0272	
27643442	27643442	113346	9565R	0816-01-0272	
27643452	27643452	113347	9565R	0816-01-0272	
27643462	27643462	113348	9565R	0816-01-0272	
27643472	27643472	113349	9565R	0816-01-0272	
27643482	27643482	113350	9565R	0816-01-0272	
27643492	27643492	113351	9565R	0816-01-0272	
27643502	27643502	113352	9565R	0816-01-0272	
27643512	27643512	113353	9565R	0816-01-0272	
27643522	27643522	113354	9565R	0816-01-0272	
27643532	27643532	113355	9565R	0816-01-0272	

EXCAV_FLAG	COMPOS_TYPI	SAMPLE_TECH	SAMPLE_USG_	FIELD_PREP	PRS
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_(
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
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0	16-20557	0	0	NA	GAS
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0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
A	NA	ORGANIC	78-93-3	Butanone[2-]	
A	NA	ORGANIC	110-54-3	Hexane	
A	NA	ORGANIC	109-99-9	Tetrahydrofura	
A	NA	ORGANIC	110-82-7	Cyclohexane	
A	NA	ORGANIC	123-91-1	Dioxane[1,4-]	
A	NA	ORGANIC	75-27-4	Bromodichloro	
A	NA	ORGANIC	108-10-1	Methyl-2-penta	
A	NA	ORGANIC	591-78-6	Hexanone[2-]	
A	NA	ORGANIC	124-48-1	Chlorodibromo	
A	NA	ORGANIC	75-25-2	Bromoform	
A	NA	ORGANIC	64-17-5	Ethanol	
A	NA	ORGANIC	1634-04-4	Methyl tert-Buty	
A	NA	ORGANIC	142-82-5	n-Heptane	
A	NA	ORGANIC	75-45-6	Chlorodifluoro	
A	NA	ORGANIC	71-36-3	Butanol[1-]	
A	NA	ORGANIC	67-56-1	Methanol	
A	NA	ORGANIC	622-96-8	Ethyltoluene[4-]	
A	NA	ORGANIC	75-71-8	Dichlorodifluoro	
A	NA	ORGANIC	76-14-2	Dichloro-1,1,2,	
A	NA	ORGANIC	74-87-3	Chloromethane	
A	NA	ORGANIC	75-01-4	Vinyl Chloride	
A	NA	ORGANIC	74-83-9	Bromomethane	
A	NA	ORGANIC	75-00-3	Chloroethane	
A	NA	ORGANIC	75-69-4	Trichlorofluoro	
A	NA	ORGANIC	75-35-4	Dichloroethene	
A	NA	ORGANIC	76-13-1	Trichloro-1,2,2-	
A	NA	ORGANIC	75-09-2	Methylene Chlo	
A	NA	ORGANIC	75-34-3	Dichloroethane	
A	NA	ORGANIC	156-59-2	Dichloroethene	
A	NA	ORGANIC	67-66-3	Chloroform	
A	NA	ORGANIC	71-55-6	Trichloroethane	
A	NA	ORGANIC	56-23-5	Carbon Tetrach	
A	NA	ORGANIC	71-43-2	Benzene	
A	NA	ORGANIC	107-06-2	Dichloroethane	
A	NA	ORGANIC	79-01-6	Trichloroethene	
A	NA	ORGANIC	78-87-5	Dichloropropan	
A	NA	ORGANIC	10061-01-5	Dichloropropen	
A	NA	ORGANIC	108-88-3	Toluene	
A	NA	ORGANIC	10061-02-6	Dichloropropen	
A	NA	ORGANIC	79-00-5	Trichloroethane	
A	NA	ORGANIC	127-18-4	Tetrachloroeth	
A	NA	ORGANIC	106-93-4	Dibromoethane	
A	NA	ORGANIC	108-90-7	Chlorobenzene	
A	NA	ORGANIC	100-41-4	Ethylbenzene	
A	NA	ORGANIC	Xylene[1,3 and	Xylene[1,3-]+X	
A	NA	ORGANIC	95-47-6	Xylene[1,2-]	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
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			3.5		1.75
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			3.5		1.75
			3.5		1.75
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			3.5		1.75
			3.5		1.75
			8.8		1.75
			88		1.75
			3.5		1.75
			0.88		1.75
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			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	33		PPBV	33	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	15		PPBV	15	
	88		PPBV	88	
	3.5		PPBV	3.5	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
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	0.88		PPBV	0.88	
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	0.88		PPBV	0.88	
	0.88		PPBV	0.88	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	V8		U	U
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	UJ	V7a	U	UJ	UJ
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
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PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	

LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI
			VNONE		
			VULAB		
			VULAB		
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			VULAB		
			VULAB		
			V8	V8	
			VULAB		
			VULAB		
			VULAB		
			VULAB		
			V7a	V7a	
			VULAB		
			VULAB		
			VULAB		
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			VULAB		

LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		REPORTING			
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		LEGACY	REPORTING		
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		REPORTING			
		LEGACY	REPORTING		
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		REPORTING			
		REPORTING			

LANL_SET_TY	FIELD_QC_TY	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
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Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	9/26/2001	9/17/2001	01 12:05:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
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Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
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Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27643542	27643542	113356	9565R	0816-01-0272	
27643552	27643552	113357	9565R	0816-01-0272	
27643562	27643562	113358	9565R	0816-01-0272	
27643572	27643572	113359	9565R	0816-01-0272	
27643582	27643582	113360	9565R	0816-01-0272	
27643592	27643592	113361	9565R	0816-01-0272	
27643602	27643602	113362	9565R	0816-01-0272	
27643612	27643612	113363	9565R	0816-01-0272	
27643622	27643622	113364	9565R	0816-01-0272	
27643632	27643632	113365	9565R	0816-01-0272	
27643642	27643642	113366	9565R	0816-01-0272	
27643652	27643652	113367	9565R	0816-01-0272	
27643662	27643662	113368	9565R	0816-01-0272	
27643672	27643672	113369	9565R	0816-01-0272	
27643682	27643682	113370	9565R	0816-01-0272	
27643692	27643692	113371	9565R	0816-01-0272	
27643702	27643702	113372	9565R	0816-01-0272	
27643712	27643712	113373	9565R	0816-01-0272	
27643722	27643722	113374	9565R	0816-01-0272	
27643732	27643732	113375	9565R	0816-01-0272	
27643742	27643742	113376	9565R	0816-01-0272	
27643752	27643752	113377	9565R	0816-01-0272	
27643762	27643762	113378	9565R	0816-01-0272	
27643772	27643772	113379	9565R	0816-01-0272	
27643782	27643782	113380	9565R	0816-01-0272	
27643792	27643792	113381	9565R	0816-01-0272	
27643802	27643802	113382	9565R	0816-01-0272	
27643812	27643812	113383	9565R	0816-01-0272	
27643822	27643822	113384	9565R	0816-01-0272	
27643832	27643832	113385	9565R	0816-01-0272	
27643842	27643842	113386	9565R	0816-01-0272	
27643852	27643852	113387	9565R	0816-01-0272	
27643862	27643862	113388	9565R	0816-01-0272	
27672302	27672302	132218	9565R	0816-01-0272	
27853422	27853422	113513	62S	0816-01-0282	
27853432	27853432	113514	62S	0816-01-0282	
27853442	27853442	113515	62S	0816-01-0282	
27853452	27853452	113516	62S	0816-01-0282	
27853462	27853462	113517	62S	0816-01-0282	
27853472	27853472	113518	62S	0816-01-0282	
27853482	27853482	113519	62S	0816-01-0282	
27853492	27853492	113520	62S	0816-01-0282	
27853502	27853502	113521	62S	0816-01-0282	
27853512	27853512	113522	62S	0816-01-0282	
27853522	27853522	113523	62S	0816-01-0282	
27853532	27853532	113524	62S	0816-01-0282	

EXCAV_FLAG	COMPOS_TYPI	SAMPLE_TECH	SAMPLE_USG_	FIELD_PREP	PRS
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
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0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
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0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20557	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
A	NA	ORGANIC	100-42-5	Styrene	
A	NA	ORGANIC	79-34-5	Tetrachloroeth	
A	NA	ORGANIC	108-67-8	Trimethylbenze	
A	NA	ORGANIC	95-63-6	Trimethylbenze	
A	NA	ORGANIC	541-73-1	Dichlorobenzen	
A	NA	ORGANIC	106-46-7	Dichlorobenzen	
A	NA	ORGANIC	100-44-7	Benzyl Chlorid	
A	NA	ORGANIC	95-50-1	Dichlorobenzen	
A	NA	ORGANIC	120-82-1	Trichlorobenze	
A	NA	ORGANIC	87-68-3	Hexachlorobut	
A	NA	ORGANIC	115-07-1	Propylene	
A	NA	ORGANIC	106-99-0	Butadiene[1,3-]	
A	NA	ORGANIC	67-64-1	Acetone	
A	NA	ORGANIC	75-15-0	Carbon Disulfid	
A	NA	ORGANIC	67-63-0	Propanol[2-]	
A	NA	ORGANIC	156-60-5	Dichloroethene	
A	NA	ORGANIC	108-05-4	Vinyl acetate	
A	NA	ORGANIC	78-93-3	Butanone[2-]	
A	NA	ORGANIC	110-54-3	Hexane	
A	NA	ORGANIC	109-99-9	Tetrahydrofura	
A	NA	ORGANIC	110-82-7	Cyclohexane	
A	NA	ORGANIC	123-91-1	Dioxane[1,4-]	
A	NA	ORGANIC	75-27-4	Bromodichloro	
A	NA	ORGANIC	108-10-1	Methyl-2-penta	
A	NA	ORGANIC	591-78-6	Hexanone[2-]	
A	NA	ORGANIC	124-48-1	Chlorodibromo	
A	NA	ORGANIC	75-25-2	Bromoform	
A	NA	ORGANIC	64-17-5	Ethanol	
A	NA	ORGANIC	1634-04-4	Methyl tert-Buty	
A	NA	ORGANIC	142-82-5	n-Heptane	
A	NA	ORGANIC	75-45-6	Chlorodifluoro	
A	NA	ORGANIC	71-36-3	Butanol[1-]	
A	NA	ORGANIC	67-56-1	Methanol	
A	NA	ORGANIC	622-96-8	Ethyltoluene[4-]	
A	NA	ORGANIC	75-71-8	Dichlorodifluoro	
A	NA	ORGANIC	76-14-2	Dichloro-1,1,2,	
A	NA	ORGANIC	74-87-3	Chloromethane	
A	NA	ORGANIC	75-01-4	Vinyl Chloride	
A	NA	ORGANIC	74-83-9	Bromomethane	
A	NA	ORGANIC	75-00-3	Chloroethane	
A	NA	ORGANIC	75-69-4	Trichlorofluoro	
A	NA	ORGANIC	75-35-4	Dichloroethene	
A	NA	ORGANIC	76-13-1	Trichloro-1,2,2-	
A	NA	ORGANIC	75-09-2	Methylene Chlo	
A	NA	ORGANIC	75-34-3	Dichloroethane	
A	NA	ORGANIC	156-59-2	Dichloroethene	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
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			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			8.8		1.75
			88		1.75
			3.5		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	23		PPBV	23	
	3.5		PPBV	3.5	
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	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	4.5		PPBV	4.5	
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	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	6.5		PPBV	6.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	8.8		PPBV	8.8	
	88		PPBV	88	
	3.5		PPBV	3.5	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
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	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	UJ	V12c	U	UJ	UJ
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	UJ	V12c	U	UJ	UJ
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	UJ	V7a	U	UJ	UJ
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			VULAB		
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			VULAB		
			VULAB		
			V12c	V12c	
			VNONE		
			VULAB		
			VULAB		
			VULAB		
			VULAB		
			VULAB		
			V12c	V12c	
			VULAB		
			VULAB		
			V7a	V7a	
			VULAB		
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			VULAB		
			VULAB		

LANL_QUALIFII	LANL_QUALIFII	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		REPORTING			
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		REPORTING			
		REPORTING			

LANL_SET_TYI	FIELD_QC_TYI	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
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	FB	CS	VOC	EPA:TO14A	ATL
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	FB	CS	VOC	EPA:TO14A	ATL
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	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
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Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
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Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
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Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
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Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
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Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	8/29/2001	8/13/2001	001 2:10:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
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Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
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Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27853542	27853542	113525	62S	0816-01-0282	
27853552	27853552	113526	62S	0816-01-0282	
27853562	27853562	113527	62S	0816-01-0282	
27853572	27853572	113528	62S	0816-01-0282	
27853582	27853582	113529	62S	0816-01-0282	
27853592	27853592	113530	62S	0816-01-0282	
27853602	27853602	113531	62S	0816-01-0282	
27853612	27853612	113532	62S	0816-01-0282	
27853622	27853622	113533	62S	0816-01-0282	
27853632	27853632	113534	62S	0816-01-0282	
27853642	27853642	113535	62S	0816-01-0282	
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27853662	27853662	113537	62S	0816-01-0282	
27853672	27853672	113538	62S	0816-01-0282	
27853682	27853682	113539	62S	0816-01-0282	
27853692	27853692	113540	62S	0816-01-0282	
27853702	27853702	113541	62S	0816-01-0282	
27853712	27853712	113542	62S	0816-01-0282	
27853722	27853722	113543	62S	0816-01-0282	
27853732	27853732	113544	62S	0816-01-0282	
27853742	27853742	113545	62S	0816-01-0282	
27853752	27853752	113546	62S	0816-01-0282	
27853762	27853762	113547	62S	0816-01-0282	
27853772	27853772	113548	62S	0816-01-0282	
27853782	27853782	113549	62S	0816-01-0282	
27853792	27853792	113550	62S	0816-01-0282	
27853802	27853802	113551	62S	0816-01-0282	
27853812	27853812	113552	62S	0816-01-0282	
27853822	27853822	113553	62S	0816-01-0282	
27853832	27853832	113554	62S	0816-01-0282	
27853842	27853842	113555	62S	0816-01-0282	
27853852	27853852	113556	62S	0816-01-0282	
27853862	27853862	113557	62S	0816-01-0282	
27853872	27853872	113558	62S	0816-01-0282	
27853882	27853882	113559	62S	0816-01-0282	
27853892	27853892	113560	62S	0816-01-0282	
27853902	27853902	113561	62S	0816-01-0282	
27853912	27853912	113562	62S	0816-01-0282	
27853922	27853922	113563	62S	0816-01-0282	
27853932	27853932	113564	62S	0816-01-0282	
27853942	27853942	113565	62S	0816-01-0282	
27853952	27853952	113566	62S	0816-01-0282	
27853962	27853962	113567	62S	0816-01-0282	
27853972	27853972	113568	62S	0816-01-0282	
27853982	27853982	113569	62S	0816-01-0282	
27853992	27853992	113570	62S	0816-01-0282	

EXCAV_FLAG	COMPOS_TYPI	SAMPLE_TECH	SAMPLE_USG_	FIELD_PREP	PRS
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
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N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
A	NA	ORGANIC	67-66-3	Chloroform	
A	NA	ORGANIC	71-55-6	Trichloroethane	
A	NA	ORGANIC	56-23-5	Carbon Tetrach	
A	NA	ORGANIC	71-43-2	Benzene	
A	NA	ORGANIC	107-06-2	Dichloroethane	
A	NA	ORGANIC	79-01-6	Trichloroethene	
A	NA	ORGANIC	78-87-5	Dichloropropan	
A	NA	ORGANIC	10061-01-5	Dichloropropen	
A	NA	ORGANIC	108-88-3	Toluene	
A	NA	ORGANIC	10061-02-6	Dichloropropen	
A	NA	ORGANIC	79-00-5	Trichloroethane	
A	NA	ORGANIC	127-18-4	Tetrachloroeth	
A	NA	ORGANIC	106-93-4	Dibromoethane	
A	NA	ORGANIC	108-90-7	Chlorobenzene	
A	NA	ORGANIC	100-41-4	Ethylbenzene	
A	NA	ORGANIC	Xylene[1,3 and	Xylene[1,3-]+X	
A	NA	ORGANIC	95-47-6	Xylene[1,2-]	
A	NA	ORGANIC	100-42-5	Styrene	
A	NA	ORGANIC	79-34-5	Tetrachloroeth	
A	NA	ORGANIC	108-67-8	Trimethylbenze	
A	NA	ORGANIC	95-63-6	Trimethylbenze	
A	NA	ORGANIC	541-73-1	Dichlorobenzen	
A	NA	ORGANIC	106-46-7	Dichlorobenzen	
A	NA	ORGANIC	100-44-7	Benzyl Chlorid	
A	NA	ORGANIC	95-50-1	Dichlorobenzen	
A	NA	ORGANIC	120-82-1	Trichlorobenze	
A	NA	ORGANIC	87-68-3	Hexachlorobut	
A	NA	ORGANIC	115-07-1	Propylene	
A	NA	ORGANIC	106-99-0	Butadiene[1,3-]	
A	NA	ORGANIC	67-64-1	Acetone	
A	NA	ORGANIC	75-15-0	Carbon Disulfid	
A	NA	ORGANIC	67-63-0	Propanol[2-]	
A	NA	ORGANIC	156-60-5	Dichloroethene	
A	NA	ORGANIC	108-05-4	Vinyl acetate	
A	NA	ORGANIC	78-93-3	Butanone[2-]	
A	NA	ORGANIC	110-54-3	Hexane	
A	NA	ORGANIC	109-99-9	Tetrahydrofura	
A	NA	ORGANIC	110-82-7	Cyclohexane	
A	NA	ORGANIC	123-91-1	Dioxane[1,4-]	
A	NA	ORGANIC	75-27-4	Bromodichloro	
A	NA	ORGANIC	108-10-1	Methyl-2-penta	
A	NA	ORGANIC	591-78-6	Hexanone[2-]	
A	NA	ORGANIC	124-48-1	Chlorodibromo	
A	NA	ORGANIC	75-25-2	Bromoform	
A	NA	ORGANIC	64-17-5	Ethanol	
A	NA	ORGANIC	1634-04-4	Methyl tert-Buty	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
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			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			0.88		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75
			3.5		1.75

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	5.8		PPBV	5.8	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	1.3		PPBV	1.3	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	4.2		PPBV	4.2	
	15		PPBV	15	
	7.7		PPBV	7.7	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	1.2		PPBV	1.2	
	3.2		PPBV	3.2	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	0.88		PPBV	0.88	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	26		PPBV	26	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.8		PPBV	3.8	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	
	3.5		PPBV	3.5	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	NQ	VNONE		NQ	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	UJ	V12c	U	UJ	UJ
PPBV	U	VULAB	U	U	
PPBV	UJ	V12c	U	UJ	UJ
PPBV	UJ	V12c	U	UJ	UJ
PPBV	UJ	V7a	U	UJ	UJ
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	NQ	VNONE		NQ	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	UJ	V7a	U	UJ	UJ
PPBV	U	VULAB	U	U	

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			VULAB		
			VULAB		
			VULAB		
			VULAB		
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			VNONE		
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			VNONE		
			VNONE		
			VNONE		
			VULAB		
			VULAB		
			VNONE		
			VNONE		
			VULAB		
			VULAB		
			V12c	V12c	
			VULAB		
			V12c	V12c	
			V12c	V12c	
			V7a	V7a	
			VULAB		
			VNONE		
			VULAB		
			VULAB		
			VULAB		
			VULAB		
			VNONE		
			VULAB		
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			VULAB		
			VULAB		
			VULAB		
			VULAB		
			VULAB		
			VULAB		
			V7a	V7a	
			VULAB		

LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		REPORTING			
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		LEGACY	REPORTING		
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		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			

LANL_SET_TY	FIELD_QC_TY	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
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Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
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Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
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Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
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Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27854002	27854002	113571	62S	0816-01-0282	
27854012	27854012	113572	62S	0816-01-0282	
27854022	27854022	113573	62S	0816-01-0282	
27854032	27854032	113574	62S	0816-01-0282	
27855912	27855912	132221	62S	0816-01-0282	

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	
N	NA	CA	QC	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS
0	16-20554	0	0	NA	GAS

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
A	NA	ORGANIC	142-82-5	n-Heptane	
A	NA	ORGANIC	71-36-3	Butanol[1-]	
A	NA	ORGANIC	67-56-1	Methanol	
A	NA	ORGANIC	75-45-6	Chlorodifluoro	
A	NA	ORGANIC	622-96-8	Ethyltoluene[4-]	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
			3.5		1.75
			8.8		1.75
			88		1.75
					1.75
			3.5		1.75

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	3.5		PPBV	3.5	
	8.8		PPBV	8.8	
	88		PPBV	88	
TIC ND			PPBV		
	3.5		PPBV	3.5	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PPBV	U	VULAB	U	U	
PPBV	UJ	V7a	U	UJ	UJ
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	
PPBV	U	VULAB	U	U	

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			VULAB		
			V7a	V7a	
			VULAB		
			VULAB		
			VULAB		

LANL_QUALIFII	LANL_QUALIFII	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			

LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL
	FB	CS	VOC	EPA:TO14A	ATL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM
Air Toxic LTD	10/23/2001	10/11/2001	001 1:45:00 PM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27697012	27697012	45863	9468R	0816-01-0298	
27696962	27696962	45854	9468R	0816-01-0299	
27672522	27672522	132290	9301R	0816-01-0295	
26501572	26501572	S01507303	9210R	0816-01-0294	F1G060165
27801822	27801822	50714	9278R	0816-01-0297	
26501952	26501952	S01507264	9210R	0816-01-0289	F1G060165
26501742	26501742	S01507283	9210R	0816-01-0293	F1G060165

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	R
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20006	0	6	IN	S
0	16-20004	0	6	IN	S

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
SO	QBT4	RAD	U-235	Uranium-235	
SO	QBT3	RAD	U-235	Uranium-235	
SD	QBT4	RAD	U-235	Uranium-235	
SD	FILL	RAD	U-235	Uranium-235	
SO	QBT3	RAD	U-235	Uranium-235	
SD	FILL	RAD	U-235	Uranium-235	
SD	FILL	RAD	U-235	Uranium-235	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
	0	0.74			1
	0	0.42			1
		0.46			1
		0.8			
	0	0.58			1
		0.75			
		0.66			

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	-0.13	0.205	PCI/G	-0.13	0.205
	-0.27	0.12	PCI/G	-0.27	0.12
	-0.02	0.13	PCI/G	-0.02	0.13
	0.3	0.215	PCI/G	0.3	0.215
	0.03	0.16	PCI/G	0.03	0.16
	-0.63	0.225	PCI/G	-0.63	0.225
	0.31	0.17	PCI/G	0.31	0.17

STD_REPORTI	FU4_QUAL	RFI_REASON_(	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U
PCI/G	U	R5	U	U	U

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
U			GR5	GR11	GULAB
			GR5	GULAB	
U			GR5	GR11	GULAB
			GR5	GULAB	
			GR5	GULAB	

LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	LEGACY	REPORTING	
		LEGACY	REPORTING		
		LEGACY	REPORTING		

LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL
	NA	CS	GAMMA_SPE	Generic:Gamm	STSL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_	REMOVE
Severn Trent L	8/20/2001	7/31/2001	01 10:15:00 AM	
Severn Trent L	8/16/2001	7/31/2001	01 10:20:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:50:00 AM	
Severn Trent L	7/25/2001	7/12/2001	001 9:30:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:25:00 AM	
Severn Trent L	7/24/2001	7/5/2001	01 10:48:00 AM	

PRS NUMBER	LOCATION ID	SAMPLE ID	DEPTH	MEDIA CODE	ANALYTE	RESULT	UNCERTAINTY	UNITS	REPORT QUALIFIER
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	10		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Acenaphthene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Acenaphthylene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Acetone	0.026		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aldrin	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aluminum	9920		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Americium-241	0.23	0.11	PCI/G	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aniline	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Anthracene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Antimony	0.24		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aroclor-1016	0.043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aroclor-1221	0.043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aroclor-1232	0.043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aroclor-1242	0.043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aroclor-1248	0.043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aroclor-1254	0.043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Aroclor-1260	0.043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Arsenic	3.6		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Asbestos	0		PCT	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Azobenzene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Barium	310		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzene	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzo(a)anthracene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzo(a)pyrene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzo(b)fluoranthene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzo(g,h,i)perylene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzo(k)fluoranthene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzoic Acid	2.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Benzyl Alcohol	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Beryllium	0.94		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	BHC[alpha-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	BHC[beta-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	BHC[delta-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	BHC[gamma-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bis(2-chloroethoxy)methane	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bis(2-chloroethyl)ether	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bis(2-ethylhexyl)phthalate	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bromobenzene	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bromochloromethane	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bromodichloromethane	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bromoform	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bromomethane	0.013		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Bromophenyl-phenylether[4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Butanone[2-]	0.026		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Butylbenzene[n-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Butylbenzene[sec-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Butylbenzene[tert-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Butylbenzylphthalate	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Cadmium	0.016		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Calcium	2670		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Carbon Disulfide	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Carbon Tetrachloride	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Cesium-134	0.019	0.048	PCI/G	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Cesium-137	0.55	0.085	PCI/G	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlordane[alpha-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlordane[gamma-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chloro-3-methylphenol[4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chloroaniline[4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlorobenzene	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlorodibromomethane	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chloroethane	0.013		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chloroform	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chloromethane	0.013		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chloronaphthalene[2-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlorophenol[2-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlorotoluene[2-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chlorotoluene[4-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chromium	6.6		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chromium hexavalent ion	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Chrysene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Cobalt	3.2		MG/KG	J
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Cobalt-60	0.02	0.055	PCI/G	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Copper	6.6		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	D[2,4-]	0.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dalapon	0.052		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	DB[2,4-]	0.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	DDD[4,4'-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	DDE[4,4'-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	DDT[4,4'-]	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dibenz(a,h)anthracene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dibenzofuran	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dibromo-3-Chloropropane[1,2-]	0.013		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dibromoethane[1,2-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dibromomethane	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dicamba	0.052		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorobenzene[1,2-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorobenzene[1,2-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorobenzene[1,3-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorobenzene[1,3-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorobenzene[1,4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorobenzene[1,4-]	0.00097		MG/KG	J
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorobenzidine[3,3'-]	2.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorodifluoromethane	0.013		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloroethane[1,1-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloroethane[1,2-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloroethene[1,1-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloroethene[cis/trans-1,2-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorophenol[2,4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloropropane[1,2-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloropropane[1,3-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloropropane[2,2-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloropropene[1,1-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloropropene[cis-1,3-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichloropropene[trans-1,3-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dichlorprop	0.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dieldrin	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Diethylphthalate	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dimethyl Phthalate	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dimethylphenol[2,4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Di-n-butylphthalate	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinitro-2-methylphenol[4,6-]	2.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinitrobenzene[1,3-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinitrophenol[2,4-]	2.1		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinitrotoluene[2,4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinitrotoluene[2,4-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinitrotoluene[2,6-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinitrotoluene[2,6-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Di-n-octylphthalate	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Dinoseb	3.7		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Endosulfan I	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Endosulfan II	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Endosulfan Sulfate	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Endrin	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Endrin Aldehyde	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Endrin Ketone	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Ethylbenzene	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Europium-152	0.16	0.245	PCI/G	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Fluoranthene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Fluorene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Heptachlor	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Heptachlor Epoxide	0.0022		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.7E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Heptachlorodibenzodioxins (Total)	3.7E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.2E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	4.9E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Heptachlorodibenzofurans (Total)	4.2E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorobenzene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorobutadiene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorocyclopentadiene	2.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	3.3E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.9E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzodioxins (Total)	2.9E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.7E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.6E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,7,8,9-]	1.8E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.7E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachlorodibenzofurans (Total)	1.6E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexachloroethane	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Hexanone[2-]	0.026		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	HMX	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Indeno(1,2,3-cd)pyrene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Iodomethane	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Iron	12500		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Isophorone	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Isopropylbenzene	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Isopropyltoluene[4-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Lead	10.8		MG/KG	J+
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Magnesium	1710		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Manganese	224		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	MCPA	10		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Mercury	0.027		MG/KG	J
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Methoxychlor[4,4'-]	0.0043		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Methyl-2-pentanone[4-]	0.026		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Methylene Chloride	0.00079		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Methylnaphthalene[2-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Methylphenol[2-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Methylphenol[4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Naphthalene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nickel	6		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitroaniline[2-]	2.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitroaniline[3-]	2.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitroaniline[4-]	2.1		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrobenzene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrobenzene	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrophenol[2-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrophenol[4-]	2.1		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrosodimethylamine[N-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitroso-di-n-propylamine[N-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrosodiphenylamine[N-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrotoluene[3-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Nitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3.5E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	8.1E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pentachlorodibenzodioxin[1,2,3,7,8-]	5.1E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pentachlorodibenzodioxins (Total)	0.0015		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pentachlorodibenzofuran[1,2,3,7,8-]	0.0005		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pentachlorodibenzofuran[2,3,4,7,8-]	0.00046		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pentachlorodibenzofurans (Totals)	0.00046		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pentachlorophenol	2.1		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pentaerythritol tetranitrate PETN	0.5		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	pH	6.8		SU	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Phenanthrene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Phenol	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Potassium	1650		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Propylbenzene[1-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Pyrene	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	RDX	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Ruthenium-106	0.43	0.375	PCI/G	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Selenium	0.32		MG/KG	J
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Silver	0.49		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Sodium	90.1		MG/KG	J
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Styrene	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Sulfide, Reactive	43.2		MG/KG	J-
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetrachlorodibenzodioxin[2,3,7,8-]	2.1E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetrachlorodibenzodioxins (Total)	2.1E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetrachlorodibenzofuran[2,3,7,8-]	6.3E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetrachlorodibenzofurans (Total)	6.3E-05		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetrachloroethane[1,1,1,2-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetrachloroethane[1,1,2,2-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetrachloroethene	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Tetryl	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Thallium	0.16		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Toluene	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Toxaphene (Technical Grade)	0.088		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	TP[2,4,5-]	0.026		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichlorobenzene[1,2,4-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichloroethane[1,1,1-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichloroethane[1,1,2-]	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichloroethene	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichlorofluoromethane	0.013		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichlorophenol[2,4,5-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichlorophenol[2,4,6-]	0.43		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichloropropane[1,2,3-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trichlorotrifluoroethane	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trimethylbenzene[1,2,4-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trimethylbenzene[1,3,5-]	0.0066		MG/KG	UJ
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trinitrobenzene[1,3,5-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Trinitrotoluene[2,4,6-]	0.25		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Uranium-234	0.63	0.075	PCI/G	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Uranium-235	0.036	0.0125	PCI/G	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Uranium-238	0.63	0.075	PCI/G	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Vanadium	14.5		MG/KG	
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Vinyl Chloride	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Xylene (Total)	0.0066		MG/KG	U
MDA P	16-20002	0816-01-0294	0-0.5 FT	FILL	Zinc	33.8		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.400001		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Acenaphthene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Acenaphthylene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Acetone	0.014		MG/KG	J
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aldrin	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aluminum	6510		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Americium-241	0.08	0.08	PCI/G	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.18		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.19		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aniline	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Anthracene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Antimony	0.38		MG/KG	J
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aroclor-1016	0.035		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aroclor-1221	0.035		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aroclor-1232	0.035		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aroclor-1242	0.035		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aroclor-1248	0.035		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aroclor-1254	0.035		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Aroclor-1260	0.061		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Arsenic	2.7		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Azobenzene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Barium	558		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzo(a)anthracene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzo(a)pyrene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzo(b)fluoranthene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzo(g,h,i)perylene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzo(k)fluoranthene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzoic Acid	1.7		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Benzyl Alcohol	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Beryllium	0.78		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	BHC[alpha-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	BHC[beta-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	BHC[delta-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	BHC[gamma-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bis(2-chloroethoxy)methane	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bis(2-chloroethyl)ether	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bis(2-ethylhexyl)phthalate	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bromobenzene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bromochloromethane	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bromodichloromethane	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bromoform	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bromomethane	0.01		MG/KG	UJ
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Bromophenyl-phenylether[4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Butanone[2-]	0.021		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Butylbenzene[n-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Butylbenzene[sec-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Butylbenzene[tert-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Butylbenzylphthalate	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Cadmium	0.016		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Calcium	1780		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Carbon Disulfide	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Carbon Tetrachloride	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Cesium-134	-0.036	0.048	PCI/G	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Cesium-137	0.089	0.049	PCI/G	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlordane[alpha-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlordane[gamma-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chloro-3-methylphenol[4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chloroaniline[4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlorobenzene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlorodibromomethane	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chloroethane	0.01		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chloroform	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chloromethane	0.01		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chloronaphthalene[2-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlorophenol[2-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlorotoluene[2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chlorotoluene[4-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chromium	6.8		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chromium hexavalent ion	0.42		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Chrysene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Cobalt	3		MG/KG	J
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Cobalt-60	0.108	0.047	PCI/G	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Copper	7.3		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	D[2,4-]	0.084		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dalapon	0.042		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	DB[2,4-]	0.13		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	DDD[4,4'-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	DDE[4,4'-]	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	DDT[4,4'-]	0.0079		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dibenz(a,h)anthracene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dibenzofuran	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dibromo-3-Chloropropane[1,2-]	0.01		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dibromoethane[1,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dibromomethane	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dicamba	0.042		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorobenzene[1,2-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorobenzene[1,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorobenzene[1,3-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorobenzene[1,3-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorobenzene[1,4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorobenzene[1,4-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorobenzidine[3,3'-]	1.7		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorodifluoromethane	0.01		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloroethane[1,1-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloroethane[1,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloroethene[1,1-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloroethene[cis/trans-1,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorophenol[2,4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloropropane[1,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloropropane[1,3-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloropropane[2,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloropropene[1,1-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloropropene[cis-1,3-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichloropropene[trans-1,3-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dichlorprop	0.084		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dieldrin	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Diethylphthalate	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dimethyl Phthalate	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dimethylphenol[2,4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Di-n-butylphthalate	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.7		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinitrobenzene[1,3-]	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinitrophenol[2,4-]	1.7		MG/KG	UJ
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinitrotoluene[2,4-]	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinitrotoluene[2,4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinitrotoluene[2,6-]	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinitrotoluene[2,6-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Di-n-octylphthalate	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Dinoseb	3.3		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Endosulfan I	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Endosulfan II	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Endosulfan Sulfate	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Endrin	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Endrin Aldehyde	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Endrin Ketone	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Ethylbenzene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Europium-152	0.13	0.215	PCI/G	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Fluoranthene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Fluorene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Heptachlor	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Heptachlor Epoxide	0.0018		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	2.5E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Heptachlorodibenzodioxins (Total)	2.5E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	2.7E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	3.2E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Heptachlorodibenzofurans (Total)	2.7E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorobenzene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorobutadiene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorocyclopentadiene	1.7		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	2.6E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	2.9E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.5E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzodioxins (Total)	2.5E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.7E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.7E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,7,8,9-]	1.9E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.8E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachlorodibenzofurans (Total)	1.7E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexachloroethane	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Hexanone[2-]	0.021		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	HMX	5.7		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Indeno(1,2,3-cd)pyrene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Iodomethane	0.0052		MG/KG	UJ
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Iron	10400		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Isophorone	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Isopropylbenzene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Isopropyltoluene[4-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Lead	8.9		MG/KG	J+
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Magnesium	1290		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Manganese	181		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	MCPA	8.400001		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Mercury	0.02		MG/KG	J
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Methoxychlor[4,4'-]	0.0035		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Methyl-2-pentanone[4-]	0.021		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Methylene Chloride	0.00065		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Methylnaphthalene[2-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Methylphenol[2-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Methylphenol[4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Naphthalene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nickel	4.3		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitroaniline[2-]	1.7		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitroaniline[3-]	1.7		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitroaniline[4-]	1.7		MG/KG	UJ
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrobenzene	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrobenzene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrophenol[2-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrophenol[4-]	1.7		MG/KG	UJ
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrosodimethylamine[N-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitroso-di-n-propylamine[N-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrosodiphenylamine[N-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrotoluene[3-]	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Nitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	9.9E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.2E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pentachlorodibenzodioxin[1,2,3,7,8-]	6.8E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pentachlorodibenzodioxins (Total)	0.0013		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pentachlorodibenzofuran[1,2,3,7,8-]	0.00043		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pentachlorodibenzofuran[2,3,4,7,8-]	0.00039		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pentachlorodibenzofurans (Totals)	0.00039		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pentachlorophenol	1.7		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pentaerythritol tetranitrate PETN	0.5		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Phenanthrene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Phenol	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Potassium	988		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Propylbenzene[1-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Pyrene	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	RDX	0.74		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Ruthenium-106	-0.12	0.39	PCI/G	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Selenium	0.36		MG/KG	J
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Silver	0.48		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Sodium	102		MG/KG	J
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Styrene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetrachlorodibenzodioxin[2,3,7,8-]	2.3E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetrachlorodibenzodioxins (Total)	2.3E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetrachlorodibenzofuran[2,3,7,8-]	5.6E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetrachlorodibenzofurans (Total)	5.6E-05		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetrachloroethane[1,1,1,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetrachloroethane[1,1,2,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetrachloroethene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Tetryl	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Thallium	0.16		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Toluene	0.001		MG/KG	J
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Toxaphene (Technical Grade)	0.07		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	TP[2,4,5-]	0.021		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichlorobenzene[1,2,4-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichloroethane[1,1,1-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichloroethane[1,1,2-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichloroethene	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichlorofluoromethane	0.01		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichlorophenol[2,4,5-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichlorophenol[2,4,6-]	0.35		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichloropropane[1,2,3-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trichlorotrifluoroethane	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trimethylbenzene[1,2,4-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trimethylbenzene[1,3,5-]	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trinitrobenzene[1,3,5-]	0.25		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Trinitrotoluene[2,4,6-]	0.3		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Uranium-234	0.48	0.06	PCI/G	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Uranium-235	0.025	0.0095	PCI/G	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Uranium-238	0.51	0.06	PCI/G	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Vanadium	12.2		MG/KG	
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Vinyl Chloride	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Xylene (Total)	0.0052		MG/KG	U
MDA P	16-20004	0816-01-0293	0-0.5 FT	FILL	Zinc	38.1		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	210		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Acenaphthene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Acenaphthylene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Acetone	0.024		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aldrin	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aluminum	11600		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Americium-241	-0.15	0.1	PCI/G	U

MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aniline	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Anthracene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Antimony	0.26		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aroclor-1016	0.039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aroclor-1221	0.039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aroclor-1232	0.039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aroclor-1242	0.039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aroclor-1248	0.039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aroclor-1254	0.039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Aroclor-1260	0.039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Arsenic	2.9		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Azobenzene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Barium	6630		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzo(a)anthracene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzo(a)pyrene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzo(b)fluoranthene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzo(g,h,i)perylene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzo(k)fluoranthene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Benzyl Alcohol	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Beryllium	1.1		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	BHC[alpha-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	BHC[beta-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	BHC[delta-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	BHC[gamma-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bis(2-chloroethoxy)methane	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bis(2-chloroethyl)ether	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bis(2-ethylhexyl)phthalate	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bromobenzene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bromochloromethane	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bromodichloromethane	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bromoform	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bromomethane	0.012		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Bromophenyl-phenylether[4-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Butanone[2-]	0.024		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Butylbenzene[n-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Butylbenzene[sec-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Butylbenzene[tert-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Butylbenzylphthalate	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Cadmium	0.018		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Calcium	706		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Carbon Disulfide	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Carbon Tetrachloride	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Cesium-134	0.004	0.0435	PCI/G	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Cesium-137	-0.02	0.05	PCI/G	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlordane[alpha-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlordane[gamma-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chloro-3-methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chloroaniline[4-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlorobenzene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlorodibromomethane	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chloroethane	0.012		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chloroform	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chloromethane	0.012		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chloronaphthalene[2-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlorophenol[2-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlorotoluene[2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chlorotoluene[4-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chromium	5.8		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chromium hexavalent ion	0.48		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Chrysene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Cobalt	4.7		MG/KG	J
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Cobalt-60	0.077	0.0445	PCI/G	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Copper	5.8		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	D[2,4-]	0.095		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dalapon	0.048		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	DB[2,4-]	1.4		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	DDD[4,4'-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	DDE[4,4'-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	DDT[4,4'-]	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dibenz(a,h)anthracene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dibenzofuran	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dibromo-3-Chloropropane[1,2-]	0.012		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dibromoethane[1,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dibromomethane	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dicamba	0.075		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorobenzene[1,2-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorobenzene[1,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorobenzene[1,3-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorobenzene[1,3-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorobenzene[1,4-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorobenzene[1,4-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorobenzidine[3,3'-]	1.9		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorodifluoromethane	0.012		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloroethane[1,1-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloroethane[1,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloroethene[1,1-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloroethene[cis/trans-1,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorophenol[2,4-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloropropane[1,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloropropane[1,3-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloropropane[2,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloropropene[1,1-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloropropene[cis-1,3-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichloropropene[trans-1,3-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dichlorprop	0.095		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dieldrin	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Diethylphthalate	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dimethyl Phthalate	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dimethylphenol[2,4-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Di-n-butylphthalate	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinitrobenzene[1,3-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinitrophenol[2,4-]	1.9		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinitrotoluene[2,4-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinitrotoluene[2,4-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinitrotoluene[2,6-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinitrotoluene[2,6-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Di-n-octylphthalate	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Dinoseb	5.4		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Endosulfan I	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Endosulfan II	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Endosulfan Sulfate	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Endrin	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Endrin Aldehyde	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Endrin Ketone	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Ethylbenzene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Europium-152	0.02	0.225	PCI/G	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Fluoranthene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Fluorene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Heptachlor	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Heptachlor Epoxide	0.002		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	4.4E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Heptachlorodibenzodioxins (Total)	4.4E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	3.9E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	4.5E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Heptachlorodibenzofurans (Total)	3.9E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorobenzene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorobutadiene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorocyclopentadiene	1.9		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.6E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.5E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzodioxins (Total)	3.5E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.6E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,6,7,8-]	2.5E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzofuran[1,2,3,7,8,9-]	2.9E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzofuran[2,3,4,6,7,8-]	2.7E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachlorodibenzofurans (Total)	2.5E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexachloroethane	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Hexanone[2-]	0.024		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	HMX	0.34		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Indeno(1,2,3-cd)pyrene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Iodomethane	0.006		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Iron	11800		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Isophorone	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Isopropylbenzene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Isopropyltoluene[4-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Lead	7.5		MG/KG	J+
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Magnesium	1510		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Manganese	131		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	MCPA	9.5		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Mercury	0.037		MG/KG	J
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Methoxychlor[4,4'-]	0.0039		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Methyl-2-pentanone[4-]	0.024		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Methylene Chloride	0.0011		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Methylnaphthalene[2-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Methylphenol[2-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Naphthalene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nickel	5.6		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitroaniline[2-]	1.9		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitroaniline[3-]	1.9		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitroaniline[4-]	1.9		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrobenzene	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrobenzene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrophenol[2-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrophenol[4-]	1.9		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrosodimethylamine[N-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitroso-di-n-propylamine[N-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrosodiphenylamine[N-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrotoluene[3-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Nitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	4.2E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	5.6E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pentachlorodibenzodioxin[1,2,3,7,8-]	9.4E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pentachlorodibenzodioxins (Total)	0.00096		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pentachlorodibenzofuran[1,2,3,7,8-]	0.00033		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pentachlorodibenzofuran[2,3,4,7,8-]	0.0003		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pentachlorodibenzofurans (Totals)	0.0003		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pentaerythritol tetranitrate PETN	0.5		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Phenanthrene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Phenol	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Potassium	1360		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Propylbenzene[1-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Pyrene	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	RDX	0.28		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Ruthenium-106	-0.71	0.405	PCI/G	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Selenium	0.31		MG/KG	J
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Silver	0.54		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Sodium	143		MG/KG	J
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Styrene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetrachlorodibenzodioxin[2,3,7,8-]	2.9E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetrachlorodibenzodioxins (Total)	2.9E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetrachlorodibenzofuran[2,3,7,8-]	6.4E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetrachlorodibenzofurans (Total)	6.4E-05		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetrachloroethane[1,1,1,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetrachloroethane[1,1,2,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetrachloroethene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Tetryl	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Thallium	0.56		MG/KG	J
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Toluene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Toxaphene (Technical Grade)	0.08		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	TP[2,4,5-]	0.024		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichlorobenzene[1,2,4-]	0.39		MG/KG	UJ
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichloroethane[1,1,1-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichloroethane[1,1,2-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichloroethene	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichlorofluoromethane	0.012		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichlorophenol[2,4,5-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichlorophenol[2,4,6-]	0.39		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichloropropane[1,2,3-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trichlorotrifluoroethane	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trimethylbenzene[1,2,4-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trimethylbenzene[1,3,5-]	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trinitrobenzene[1,3,5-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Trinitrotoluene[2,4,6-]	0.25		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Uranium-234	0.73	0.09	PCI/G	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Uranium-235	0.037	0.018	PCI/G	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Uranium-238	0.85	0.105	PCI/G	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Vanadium	12		MG/KG	
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Vinyl Chloride	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Xylene (Total)	0.006		MG/KG	U
MDA P	16-20006	0816-01-0289	0-0.5 FT	FILL	Zinc	31.3		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Acenaphthene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Acenaphthylene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Acetone	0.025		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Aluminum	3910		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Aniline	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Anthracene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Antimony	0.25		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Arsenic	0.68		MG/KG	J-
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Azobenzene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Barium	21.8		MG/KG	J-
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzo(a)anthracene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzo(a)pyrene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzo(b)fluoranthene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzo(g,h,i)perylene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzo(k)fluoranthene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzoic Acid	0.22		MG/KG	J
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Benzyl Alcohol	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Beryllium	0.34		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bis(2-chloroethoxy)methane	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bis(2-chloroethyl)ether	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bromobenzene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bromochloromethane	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bromodichloromethane	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bromoform	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bromomethane	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Bromophenyl-phenylether[4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Butanone[2-]	0.025		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Butylbenzene[n-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Butylbenzene[sec-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Butylbenzene[tert-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Butylbenzylphthalate	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Cadmium	0.051		MG/KG	J
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Calcium	847		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Carbon Disulfide	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Carbon Tetrachloride	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chloro-3-methylphenol[4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chloroaniline[4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chlorobenzene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chlorodibromomethane	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chloroethane	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chloroform	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chloromethane	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chloronaphthalene[2-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chlorophenol[2-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chlorotoluene[2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chlorotoluene[4-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chromium	2.6		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chromium hexavalent ion	0.51		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Chrysene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Cobalt	0.87		MG/KG	J-
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Copper	2.6		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dibenz(a,h)anthracene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dibenzofuran	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dibromo-3-Chloropropane[1,2-]	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dibromoethane[1,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dibromomethane	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorobenzene[1,2-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorobenzene[1,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorobenzene[1,3-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorobenzene[1,3-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorobenzene[1,4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorobenzene[1,4-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorobenzidine[3,3'-]	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorodifluoromethane	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloroethane[1,1-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloroethane[1,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloroethene[1,1-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloroethene[cis/trans-1,2-]	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichlorophenol[2,4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloropropane[1,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloropropane[1,3-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloropropane[2,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloropropene[1,1-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloropropene[cis-1,3-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dichloropropene[trans-1,3-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Diethylphthalate	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dimethyl Phthalate	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dimethylphenol[2,4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Di-n-butylphthalate	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dinitro-2-methylphenol[4,6-]	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dinitrobenzene[1,3-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dinitrophenol[2,4-]	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dinitrotoluene[2,4-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dinitrotoluene[2,4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dinitrotoluene[2,6-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Dinitrotoluene[2,6-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Di-n-octylphthalate	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Ethylbenzene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Fluoranthene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Fluorene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Hexachlorobenzene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Hexachlorobutadiene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Hexachlorocyclopentadiene	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Hexachloroethane	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Hexanone[2-]	0.025		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	HMX	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Iodomethane	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Iron	6770		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Isophorone	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Isopropylbenzene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Isopropyltoluene[4-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Lead	4.5		MG/KG	J-
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Magnesium	702		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Manganese	30.9		MG/KG	J
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Mercury	0.042		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Methyl-2-pentanone[4-]	0.025		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Methylene Chloride	0.017		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Methylnaphthalene[2-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Methylphenol[2-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Methylphenol[4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Naphthalene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nickel	1.9		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitroaniline[2-]	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitroaniline[3-]	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitroaniline[4-]	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrobenzene	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrobenzene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrophenol[2-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrophenol[4-]	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrosodimethylamine[N-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrosodiphenylamine[N-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrotoluene[2-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrotoluene[3-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Nitrotoluene[4-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Pentachlorophenol	2		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Phenanthrene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Phenol	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Potassium	822		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Propylbenzene[1-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Pyrene	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	RDX	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Selenium	0.22		MG/KG	J-
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Silver	0.029		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Sodium	191		MG/KG	J
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Styrene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Tetrachloroethane[1,1,1,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Tetrachloroethane[1,1,2,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Tetrachloroethene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Tetryl	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Thallium	0.14		MG/KG	
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Toluene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichlorobenzene[1,2,4-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichloroethane[1,1,1-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichloroethane[1,1,2-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichloroethene	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichlorofluoromethane	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichlorophenol[2,4,5-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichlorophenol[2,4,6-]	0.42		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trichloropropane[1,2,3-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trimethylbenzene[1,2,4-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trimethylbenzene[1,3,5-]	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trinitrobenzene[1,3,5-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Trinitrotoluene[2,4,6-]	0.32		MG/KG	U
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Vanadium	5.8		MG/KG	J
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Vinyl Chloride	0.0063		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Xylene (Total)	0.013		MG/KG	UJ
MDA P	16-20083	RE16-02-45478	0-4 FT	ALLH	Zinc	32.5		MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Acenaphthene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Acenaphthylene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Acetone	0.023		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Aluminum	5340		MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.29		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Aniline	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Anthracene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Antimony	0.23		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Arsenic	1.4		MG/KG	J-
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Azobenzene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Barium	178		MG/KG	J-
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzene	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzo(a)anthracene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzo(a)pyrene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzo(b)fluoranthene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzo(g,h,i)perylene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzo(k)fluoranthene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzoic Acid	0.27		MG/KG	J
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Benzyl Alcohol	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Beryllium	0.5		MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bis(2-chloroethoxy)methane	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bis(2-chloroethyl)ether	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bromobenzene	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bromochloromethane	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bromodichloromethane	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bromoform	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bromomethane	0.012		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Bromophenyl-phenylether[4-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Butanone[2-]	0.023		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Butylbenzene[n-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Butylbenzene[sec-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Butylbenzene[tert-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Butylbenzylphthalate	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Cadmium	0.11		MG/KG	J
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Calcium	1630		MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Carbon Disulfide	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Carbon Tetrachloride	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chloro-3-methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chloroaniline[4-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chlorobenzene	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chlorodibromomethane	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chloroethane	0.012		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chloroform	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chloromethane	0.012		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chloronaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chlorophenol[2-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chlorotoluene[2-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chlorotoluene[4-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chromium	3		MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chromium hexavalent ion	0.47		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Chrysene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Cobalt	2		MG/KG	J-
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Copper	3.5		MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dibenz(a,h)anthracene	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dibenzofuran	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dibromo-3-Chloropropane[1,2-]	0.012		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dibromoethane[1,2-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dibromomethane	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorobenzene[1,2-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorobenzene[1,2-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorobenzene[1,3-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorobenzene[1,3-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorobenzene[1,4-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorobenzene[1,4-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorobenzidine[3,3'-]	1.9		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorodifluoromethane	0.012		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloroethane[1,1-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloroethane[1,2-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloroethene[1,1-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloroethene[cis/trans-1,2-]	0.012		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichlorophenol[2,4-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloropropane[1,2-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloropropane[1,3-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloropropane[2,2-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloropropene[1,1-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloropropene[cis-1,3-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dichloropropene[trans-1,3-]	0.0058		MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Diethylphthalate	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dimethyl Phthalate	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dimethylphenol[2,4-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Di-n-butylphthalate	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dinitrobenzene[1,3-]	0.29		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dinitrotoluene[2,4-]	0.29		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dinitrotoluene[2,4-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dinitrotoluene[2,6-]	0.29		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Dinitrotoluene[2,6-]	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Di-n-octylphthalate	0.39		MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Ethylbenzene	0.0058		MG/KG	UJ

MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Fluoranthene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Fluorene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Hexanone[2-]	0.023	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	HMX	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Iodomethane	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Iron	6290	MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Isophorone	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Isopropylbenzene	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Isopropyltoluene[4-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Lead	9.8	MG/KG	J-
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Magnesium	1010	MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Manganese	149	MG/KG	J
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Mercury	0.039	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Methyl-2-pentanone[4-]	0.023	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Methylene Chloride	0.013	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Naphthalene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nickel	2.7	MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Phenanthrene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Phenol	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Potassium	1120	MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Propylbenzene[1-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Pyrene	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	RDX	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Selenium	0.23	MG/KG	J-
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Silver	0.066	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Sodium	146	MG/KG	J
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Styrene	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Tetrachloroethane[1,1,1,2-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Tetrachloroethane[1,1,2,2-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Tetrachloroethene	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Tetryl	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Thallium	0.22	MG/KG	
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Toluene	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichloroethane[1,1,1-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichloroethane[1,1,2-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichloroethene	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichlorofluoromethane	0.012	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trichloropropane[1,2,3-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trimethylbenzene[1,2,4-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trimethylbenzene[1,3,5-]	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Vanadium	8.3	MG/KG	J
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Vinyl Chloride	0.0058	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Xylene (Total)	0.012	MG/KG	UJ
MDA P	16-20083	RE16-02-45479	0-4.5 FT	ALLH	Zinc	272	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Acenaphthene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Aluminum	19900	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Aniline	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Anthracene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Antimony	0.99	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Arsenic	4.3	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Azobenzene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Barium	180	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Benzoic Acid	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Beryllium	1.8	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Cadmium	0.079	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Calcium	3650	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chromium	39.4	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Chrysene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Cobalt	3.5	MG/KG	J
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Copper	9.5	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Fluoranthene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Fluorene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	HMX	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Iron	19900	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Isophorone	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Lead	22.9	MG/KG	J+
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Magnesium	2880	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Manganese	88.5	MG/KG	J-
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Mercury	0.036	MG/KG	J
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Naphthalene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nickel	10.2	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrobenzene	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrotoluene[2-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrotoluene[3-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Nitrotoluene[4-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Pentachlorophenol	2	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Phenanthrene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Phenol	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Potassium	2140	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Pyrene	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	RDX	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Selenium	0.25	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Silver	0.57	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Sodium	453	MG/KG	J
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Tetryl	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Thallium	0.66	MG/KG	J
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.3	MG/KG	UJ
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Vanadium	21.5	MG/KG	
MDA P	16-20087	0816-01-0064	0-1 FT	FILL	Zinc	35.8	MG/KG	J+
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Aluminum	14400	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Aniline	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Antimony	1.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Arsenic	3.8	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Barium	52.6	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Beryllium	1.1	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Cadmium	0.13	MG/KG	J
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Calcium	2050	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chromium	7.9	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chromium hexavalent ion	0.53	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Cobalt	4.4	MG/KG	J
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Copper	22.8	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	HMX	0.33	MG/KG	UJ
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Iron	15300	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Lead	24.2	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Magnesium	2020	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Manganese	123	MG/KG	J-
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Mercury	0.046	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nickel	10.3	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrotoluene[3-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Nitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Potassium	1510	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Pyrene	2.1	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	RDX	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Selenium	0.26	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Silver	0.34	MG/KG	J
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Sodium	377	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Tetryl	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Thallium	1.2	MG/KG	J
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.33	MG/KG	U
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Vanadium	11.3	MG/KG	
MDA P	16-20105	0816-01-0027	0-1 FT	QBT4	Zinc	35.2	MG/KG	J-
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Acenaphthene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Acenaphthylene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Aluminum	4040	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Aniline	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Anthracene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Antimony	1.1	MG/KG	UJ
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Arsenic	2.9	MG/KG	J-
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Azobenzene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Barium	45.7	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Benzo(a)anthracene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Benzo(a)pyrene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Benzo(b)fluoranthene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Benzo(k)fluoranthene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Benzoic Acid	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Benzyl Alcohol	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Beryllium	0.34	MG/KG	J
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Butylbenzylphthalate	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Cadmium	0.09	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Calcium	2050	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chloroaniline[4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chloronaphthalene[2-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chlorophenol[2-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chromium	8.2	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chromium hexavalent ion	0.57	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Chrysene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Cobalt	0.7	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Copper	1.6	MG/KG	J
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dibenzofuran	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Diethylphthalate	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dimethyl Phthalate	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Di-n-butylphthalate	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.36	MG/KG	UJ
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Di-n-octylphthalate	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Fluoranthene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Fluorene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Hexachlorobenzene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Hexachlorobutadiene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Hexachloroethane	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	HMX	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Iron	4050	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Isophorone	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Lead	8.8	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Magnesium	1540	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Manganese	44.7	MG/KG	J+
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Mercury	0.003	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Methylnaphthalene[2-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Methylphenol[2-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Methylphenol[4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Naphthalene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nickel	2.4	MG/KG	J
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitroaniline[2-]	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitroaniline[3-]	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitroaniline[4-]	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrobenzene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrophenol[2-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrophenol[4-]	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.47	MG/KG	UJ
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrotoluene[2-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrotoluene[3-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Nitrotoluene[4-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Pentachlorophenol	2.3	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Phenanthrene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Phenol	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Potassium	764	MG/KG	
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Pyrene	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	RDX	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Selenium	0.44	MG/KG	J
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Silver	0.65	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Sodium	58.7	MG/KG	J
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Tetryl	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Thallium	0.36	MG/KG	J
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.47	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.36	MG/KG	U
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Vanadium	2.5	MG/KG	J
MDA P	16-20121	0816-01-0097	0-1 FT	QBT4	Zinc	15.6	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Acenaphthene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Aluminum	14100	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Aniline	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Anthracene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Antimony	0.92	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Arsenic	3.5	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Azobenzene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Barium	186	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Beryllium	1	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Cadmium	0.21	MG/KG	J
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Calcium	2360	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chromium	8.3	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chromium hexavalent ion	0.47	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Chrysene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Cobalt	3.6	MG/KG	J
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Copper	29.4	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Fluoranthene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Fluorene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	HMX	7.7	MG/KG	J
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Iron	14800	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Isophorone	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Lead	21.3	MG/KG	J+
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Magnesium	1820	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Manganese	151	MG/KG	J-
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Mercury	0.058	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Naphthalene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nickel	7.7	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrobenzene	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrotoluene[2-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrotoluene[3-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Nitrotoluene[4-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Phenanthrene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Phenol	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Potassium	1500	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Pyrene	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	RDX	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Selenium	0.23	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Silver	0.53	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Sodium	423	MG/KG	J
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Tetryl	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Thallium	0.26	MG/KG	J

MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.29	MG/KG	UJ
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Vanadium	15.3	MG/KG	
MDA P	16-20124	0816-01-0063	0-1 FT	FILL	Zinc	64.1	MG/KG	J+
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Acenaphthene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Aluminum	18700	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	MG/KG	J
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.11	MG/KG	J
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Aniline	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Anthracene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Antimony	0.96	MG/KG	UJ
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Arsenic	2.3	MG/KG	J-
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Azobenzene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Barium	63.5	MG/KG	J-
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Benzoic Acid	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Beryllium	1.2	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Cadmium	0.076	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Calcium	3000	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chromium	11.6	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Chrysene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Cobalt	2.2	MG/KG	J
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Copper	6.8	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Fluoranthene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Fluorene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	HMX	2.5	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Iron	18400	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Isophorone	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Lead	11.4	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Magnesium	2580	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Manganese	106	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Mercury	0.039	MG/KG	J
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Naphthalene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nickel	7.2	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Pentachlorophenol	2	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Phenanthrene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Phenol	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Potassium	2290	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Pyrene	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	RDX	1.3	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Selenium	0.24	MG/KG	UJ
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Silver	0.55	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Sodium	556	MG/KG	J
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Tetryl	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Thallium	0.32	MG/KG	J+
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Vanadium	20.6	MG/KG	
MDA P	16-20148	0816-01-0073	0-0.5 FT	ALLH	Zinc	38.2	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Acenaphthene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Aluminum	12400	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Aniline	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Anthracene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Antimony	0.97	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Arsenic	2	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Azobenzene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Barium	789	MG/KG	J+
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Benzoic Acid	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Beryllium	1.2	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Cadmium	0.077	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Calcium	2350	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chromium	5.8	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Chrysene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Cobalt	3.5	MG/KG	J
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Copper	5.2	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Fluoranthene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Fluorene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	HMX	0.118	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Iron	11700	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Isophorone	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Lead	15.7	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Magnesium	1700	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Manganese	130	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Mercury	0.024	MG/KG	J
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Naphthalene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nickel	8.1	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Pentachlorophenol	2	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Phenanthrene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Phenol	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Potassium	1700	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Pyrene	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	RDX	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Selenium	0.24	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Silver	0.55	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Sodium	267	MG/KG	J
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Tetryl	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Thallium	0.48	MG/KG	J
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Vanadium	12.7	MG/KG	
MDA P	16-20153	0816-01-0282	0-1 FT	FILL	Zinc	33.9	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Acenaphthene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Aluminum	5420	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Aniline	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Anthracene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Antimony	0.85	MG/KG	UJ
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Arsenic	1.4	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Azobenzene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Barium	473	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Beryllium	0.57	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Cadmium	0.079	MG/KG	J
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Calcium	2170	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chromium	3.2	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Chrysene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Cobalt	2.1	MG/KG	J
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Copper	4.6	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Fluoranthene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Fluorene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	HMX	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Iron	8310	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Isophorone	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Lead	11.3	MG/KG	J+
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Magnesium	1050	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Manganese	178	MG/KG	J-
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Mercury	0.02	MG/KG	J
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Naphthalene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nickel	1.9	MG/KG	J
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Phenanthrene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Phenol	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Potassium	1170	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Pyrene	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	RDX	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Selenium	0.21	MG/KG	UJ
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Silver	0.49	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Sodium	215	MG/KG	J
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Tetryl	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Thallium	0.11	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Vanadium	6.9	MG/KG	
MDA P	16-20174	0816-01-0047	0-1 FT	FILL	Zinc	29.4	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Aluminum	2630	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Aniline	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Anthracene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Antimony	0.29	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Arsenic	1.8	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Barium	1040	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Beryllium	0.35	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Cadmium	0.02	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Calcium	1650	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chromium	1.9	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chromium hexavalent ion	0.53	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Chrysene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Cobalt	1.6	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Copper	4.3	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.33	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Fluorene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	HMX	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Iron	6610	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Isophorone	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Lead	3.7	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Magnesium	578	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Manganese	126	MG/KG	
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nickel	2.5	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrotoluene[3-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Nitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Potassium	620	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Pyrene	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	RDX	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Selenium	0.17	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Silver	0.59	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Sodium	170	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Tetryl	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Thallium	0.2	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	UJ
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.33	MG/KG	U
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Vanadium	4.6	MG/KG	J
MDA P	16-20189	0816-01-0147	0-1 FT	QBT4	Zinc	14.1	MG/KG	
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Acenaphthene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Acenaphthylene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Aluminum	2290	MG/KG	
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.34	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.34	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Aniline	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Anthracene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Antimony	0.3	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Arsenic	1.8	MG/KG	
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Azobenzene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Barium	1160	MG/KG	
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Benzo(a)anthracene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Benzo(a)pyrene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Benzo(b)fluoranthene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Benzo(k)fluoranthene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Benzoic Acid	2.2	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Benzyl Alcohol	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Beryllium	0.43	MG/KG	J
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Butylbenzylphthalate	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Cadmium	0.02	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Calcium	781	MG/KG	
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chloroaniline[4-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chloronaphthalene[2-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chlorophenol[2-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chromium	2.1	MG/KG	J
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chromium hexavalent ion	0.54	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Chrysene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Cobalt	1.7	MG/KG	J
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Copper	5.2	MG/KG	
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dibenzofuran	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2.2	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Diethylphthalate	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dimethyl Phthalate	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Di-n-butylphthalate	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.2	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.34	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dinitrophenol[2,4-]	2.2	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.34	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.34	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Di-n-octylphthalate	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Fluoranthene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Fluorene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Hexachlorobenzene	0.44	MG/KG	U
MDA P	16-20189	0816-01-0148	2-3 FT	QBT4	Hexachlorobutadiene	0.44	MG/KG	U

MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Potassium	544	MG/KG	
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Selenium	0.26	MG/KG	
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Silver	0.53	MG/KG	
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Sodium	262	MG/KG	J
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Thallium	0.16	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Vanadium	3.3	MG/KG	
MDA P	16-20204	RE16-02-44943	0-1 FT	QBT4	Zinc	32.9	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Aluminum	3210	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Antimony	0.25	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Arsenic	0.57	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Barium	136	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Beryllium	0.38	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Cadmium	0.046	MG/KG	J
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Calcium	807	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chromium	3.3	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Cobalt	5.6	MG/KG	J-
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Copper	2.8	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	UJ
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	HMX	0.62	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Iron	8480	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Lead	3.5	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Magnesium	906	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Manganese	208	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Mercury	0.022	MG/KG	J
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nickel	2.2	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Potassium	673	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	RDX	3	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Selenium	0.14	MG/KG	J
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Silver	0.43	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Sodium	184	MG/KG	J
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Thallium	0.093	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Vanadium	4.6	MG/KG	
MDA P	16-20205	RE16-02-44945	0-1 FT	QBT4	Zinc	38.8	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Aluminum	3000	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Antimony	0.25	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Arsenic	0.56	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Barium	136	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Beryllium	0.38	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Cadmium	0.037	MG/KG	J
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Calcium	823	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chromium	3.2	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Cobalt	5.9	MG/KG	J-
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Copper	2.3	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	UJ
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	HMX	0.66	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Iron	8510	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Lead	3.7	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Magnesium	921	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Manganese	188	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Mercury	0.042	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nickel	2.1	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Potassium	700	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	RDX	3.2	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Selenium	0.21	MG/KG	J
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Silver	0.46	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Sodium	190	MG/KG	J
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Thallium	0.065	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Vanadium	4.9	MG/KG	
MDA P	16-20205	RE16-02-44946	0-1 FT	QBT4	Zinc	39.9	MG/KG	
MDA P	16-20205	RE16-02-44954	0-1 FT	QBT4	Perchlorate	0.0617	MG/KG	U
MDA P	16-20205	RE16-02-45007	0-1 FT	QBT4	Perchlorate	0.0618	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Aluminum	3020	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Antimony	0.24	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Arsenic	0.58	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Barium	17.2	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Beryllium	0.66	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Cadmium	0.044	MG/KG	J
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Calcium	977	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chromium	3.2	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Cobalt	2.6	MG/KG	J-
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Copper	2.6	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	UJ
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Iron	7950	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Lead	2.3	MG/KG	J
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Magnesium	900	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Manganese	184	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Mercury	0.041	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nickel	2.1	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Potassium	516	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Selenium	0.15	MG/KG	J
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Silver	0.16	MG/KG	J
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Sodium	231	MG/KG	J
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Thallium	0.072	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Vanadium	4.4	MG/KG	
MDA P	16-20206	RE16-02-44947	0-1 FT	QBT4	Zinc	27.7	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Acenaphthene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Aluminum	3430	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Aniline	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Anthracene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Antimony	0.21	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Arsenic	1.9	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Azobenzene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Barium	463	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Beryllium	0.71	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Cadmium	0.092	MG/KG	J
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Calcium	1090	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chromium	3.3	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Chrysene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Cobalt	1.4	MG/KG	J-
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Copper	3.6	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Fluoranthene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Fluorene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Hexachloroethane	0.35	MG/KG	UJ
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	HMX	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Iron	9980	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Isophorone	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Lead	5.6	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Magnesium	1010	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Manganese	277	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Mercury	0.035	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Naphthalene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nickel	2.7	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Phenanthrene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Phenol	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Potassium	583	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Pyrene	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	RDX	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Selenium	0.21	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Silver	0.16	MG/KG	J
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Sodium	156	MG/KG	J
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Tetryl	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Thallium	0.089	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Vanadium	4.9	MG/KG	
MDA P	16-20206	RE16-02-44950	0-1 FT	QBT4	Zinc	29.1	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Aluminum	32700	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Antimony	0.97	MG/KG	UJ
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Arsenic	2.7	MG/KG	J-
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Barium	280	MG/KG	J-
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Beryllium	1.9	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Cadmium	0.078	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Calcium	3890	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chromium	15.6	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Cobalt	4.1	MG/KG	J
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Copper	10.5	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U

MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Iron	22500	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Lead	19.7	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Magnesium	4250	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Manganese	208	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Mercury	0.061	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nickel	12.6	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Perchlorate	0.0364	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Potassium	3540	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Selenium	0.25	MG/KG	UJ
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Sodium	587	MG/KG	J
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Thallium	0.61	MG/KG	J+
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Vanadium	26.4	MG/KG	
MDA P	16-20223	0816-01-0082	0-0.5 FT	QBT4	Zinc	43.1	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Acenaphthene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Aluminum	17400	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Aniline	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Anthracene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Antimony	0.93	MG/KG	UJ
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Arsenic	2	MG/KG	J-
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Azobenzene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Barium	161	MG/KG	J-
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Beryllium	1.5	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Cadmium	0.15	MG/KG	J
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Calcium	5220	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chromium	10	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Chrysene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Cobalt	2.7	MG/KG	J
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Copper	6.7	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Fluoranthene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Fluorene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	HMX	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Iron	16900	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Isophorone	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Lead	10	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Magnesium	2860	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Manganese	211	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Mercury	0.042	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Naphthalene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nickel	8.3	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Perchlorate	0.00843	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Phenanthrene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Phenol	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Potassium	2230	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Pyrene	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	RDX	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Selenium	0.24	MG/KG	UJ
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Sodium	344	MG/KG	J
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Tetryl	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Thallium	0.35	MG/KG	J+
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Vanadium	18.2	MG/KG	
MDA P	16-20223	0816-01-0083	2-3 FT	QBT4	Zinc	38.1	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Acenaphthene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Aluminum	7010	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.98	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	1.1	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Aniline	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Anthracene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Antimony	0.62	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Arsenic	1.7	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Azobenzene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Barium	3850	MG/KG	J-
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Beryllium	0.55	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.28	MG/KG	J
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Cadmium	0.24	MG/KG	J
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Calcium	3410	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chloroaniline[4-]	0.37	MG/KG	UJ
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chromium	5.9	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chromium hexavalent ion	0.11	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Chrysene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Cobalt	2.6	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Copper	28.9	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.096	MG/KG	J
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Fluoranthene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Fluorene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Hexachloroethane	0.37	MG/KG	UJ
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	HMX	16	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Iron	9090	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Isophorone	0.37	MG/KG	UJ
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Lead	30.3	MG/KG	J+
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Magnesium	1140	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Manganese	213	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Mercury	0.066	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Naphthalene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nickel	4.5	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Phenanthrene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Phenol	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Potassium	801	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Pyrene	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	RDX	36	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Selenium	0.23	MG/KG	UJ
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Silver	1.6	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Sodium	205	MG/KG	J
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Tetryl	0.13	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Thallium	0.19	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.45	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Vanadium	9.5	MG/KG	
MDA P	16-20232	RE16-02-45438	0-1 FT	ALLH	Zinc	90.5	MG/KG	J-
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Aluminum	3280	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Arsenic	2.5	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Barium	674	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Beryllium	0.58	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.21	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Calcium	1220	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chromium	2.6	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Cobalt	1.9	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Copper	3.2	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	HMX	0.41	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Iron	8370	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Lead	4	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Magnesium	915	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Manganese	225	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Mercury	0.059	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nickel	2.2	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Potassium	596	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	RDX	0.53	MG/KG	
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Selenium	0.64	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Sodium	231	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Vanadium	5.7	MG/KG	J
MDA P	16-20233	0816-01-0121	0-1 FT	QBT4	Zinc	30.6	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Aluminum	1880	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Arsenic	2.5	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Barium	640	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Beryllium	0.64	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Calcium	731	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chromium	2.1	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Cobalt	2.3	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Copper	5.7	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Iron	7590	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Lead	2.9	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Magnesium	399	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Manganese	313	MG/KG	
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Mercury	0.025	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nickel	3.2	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Potassium	341	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	RDX	0.14	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Selenium	0.16	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Sodium	298	MG/KG	J
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20233	0816-01-0122	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U

MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Lead	12.8	MG/KG	J
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Magnesium	2420	MG/KG	
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Manganese	279	MG/KG	J
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Mercury	0.022	MG/KG	J
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Naphthalene	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nickel	9	MG/KG	
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrosodiethylamine[N-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Phenanthrene	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Phenol	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Potassium	1450	MG/KG	
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Pyrene	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	RDX	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Selenium	0.34	MG/KG	J
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Silver	0.54	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Sodium	159	MG/KG	J
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Tetryl	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Thallium	0.18	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Vanadium	26.7	MG/KG	J-
MDA P	16-20239	0816-01-0169	0-1 FT	FILL	Zinc	33.6	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Acenaphthene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Aluminum	3310	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Aniline	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Anthracene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Antimony	0.51	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Arsenic	0.22	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Azobenzene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Barium	56.4	MG/KG	J-
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Beryllium	0.33	MG/KG	J-
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Cadmium	0.087	MG/KG	J
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Calcium	822	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chromium	3.6	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chromium hexavalent ion	0.11	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Chrysene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Cobalt	0.93	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Copper	2.1	MG/KG	J-
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Fluoranthene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Fluorene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	HMX	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Iron	7190	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Isophorone	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Lead	9.1	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Magnesium	599	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Manganese	224	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Mercury	0.037	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Naphthalene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nickel	1.7	MG/KG	J-
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Phenanthrene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Phenol	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Potassium	445	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Pyrene	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	RDX	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Selenium	0.1	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Silver	0.18	MG/KG	J
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Sodium	152	MG/KG	J
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Tetryl	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Thallium	0.32	MG/KG	J
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Vanadium	2.9	MG/KG	
MDA P	16-20239	0816-02-0001	0-1 FT	FILL	Zinc	34.8	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Acenaphthene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Aluminum	7460	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Aniline	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Anthracene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Antimony	0.091	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Arsenic	1.5	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Azobenzene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Barium	1700	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Benzo(a)pyrene	0.37	MG/KG	UJ
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Benzo(b)fluoranthene	0.37	MG/KG	UJ
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.37	MG/KG	UJ
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Benzo(k)fluoranthene	0.37	MG/KG	UJ
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Beryllium	0.55	MG/KG	J-
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Cadmium	0.11	MG/KG	J
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Calcium	1620	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chromium	4.4	MG/KG	J-
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Chrysene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Cobalt	1.7	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Copper	5.5	MG/KG	J-
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Di-n-octylphthalate	0.37	MG/KG	UJ
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Fluoranthene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Fluorene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	HMX	0.18	MG/KG	J
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	UJ
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Iron	10200	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Isophorone	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Lead	12	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Magnesium	1140	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Manganese	140	MG/KG	J+
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Mercury	0.037	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Naphthalene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nickel	3.5	MG/KG	J-
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Phenanthrene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Phenol	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Potassium	903	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Pyrene	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	RDX	0.49	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Selenium	0.2	MG/KG	J
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Silver	1.1	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Sodium	156	MG/KG	J
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Thallium	0.29	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Vanadium	7.5	MG/KG	
MDA P	16-20240	0816-01-0352	0-1 FT	ALLH	Zinc	38.3	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Acenaphthene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Aluminum	2630	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Aniline	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Anthracene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Antimony	0.24	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Arsenic	0.44	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Azobenzene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Barium	27.6	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Beryllium	0.37	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Cadmium	0.04	MG/KG	J
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Calcium	911	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chromium	2.8	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Chrysene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Cobalt	2.6	MG/KG	J-
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Copper	1.6	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Fluoranthene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Fluorene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Hexachloroethane	0.39	MG/KG	UJ
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	HMX	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Iron	7000	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Isophorone	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Lead	5.5	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Magnesium	515	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Manganese	135	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Mercury	0.04	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Naphthalene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nickel	1.7	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Phenanthrene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Phenol	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Potassium	604	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Pyrene	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	RDX	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Selenium	0.16	MG/KG	J
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Silver	0.12	MG/KG	J
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Sodium	342	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Tetryl	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Thallium	0.081	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Vanadium	2.9	MG/KG	
MDA P	16-20240	RE16-02-44949	0-1 FT	ALLH	Zinc	29	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Aluminum	2090	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Antimony	0.22	MG/KG	UJ
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Arsenic	0.39	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Barium	1030	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Beryllium	0.65	MG/KG	J-
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Cadmium	0.062	MG/KG	J
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Calcium	1000	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chromium	3.6	MG/KG	J-
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Cobalt	1	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Copper	3.1	MG/KG	J-
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	HMX	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Iron	9340	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Lead	1.6	MG/KG	J
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Magnesium	842	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Manganese	192	MG/KG	J+
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Mercury	0.037	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nickel	2.7	MG/KG	J-
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Perchlorate	0.15	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Potassium	608	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	RDX	2.3	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Selenium	0.35	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Silver	0.22	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Sodium	158	MG/KG	J
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Thallium	0.055	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Vanadium	4.1	MG/KG	
MDA P	16-20241	0816-01-0357	0-1 FT	QBT4	Zinc	39.6	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Aluminum	2390	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Antimony	0.22	MG/KG	UJ
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Arsenic	0.39	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Barium	1040	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Beryllium	0.71	MG/KG	J-
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U

MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Cadmium	0.048	MG/KG	J
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Calcium	818	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chromium	4.2	MG/KG	J-
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Cobalt	0.91	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Copper	2.5	MG/KG	J-
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	HMX	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	UJ
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Iron	9310	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Lead	1.5	MG/KG	J
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Magnesium	948	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Manganese	145	MG/KG	J+
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Mercury	0.037	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nickel	2.5	MG/KG	J-
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Perchlorate	0.15	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Potassium	698	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	RDX	1.7	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Selenium	0.39	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Silver	0.22	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Sodium	153	MG/KG	J
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Thallium	0.043	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Vanadium	4.1	MG/KG	
MDA P	16-20241	0816-01-0358	0-1 FT	QBT4	Zinc	40.2	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Aluminum	2130	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Antimony	0.24	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Arsenic	1.4	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Barium	81.2	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Beryllium	1.1	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Cadmium	0.036	MG/KG	J
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Calcium	907	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chromium	3.7	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Cobalt	41.3	MG/KG	J-
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Copper	5.5	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	UJ
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Iron	10800	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Lead	1.5	MG/KG	J
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Magnesium	975	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Manganese	169	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Mercury	0.04	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nickel	2.7	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Potassium	600	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	RDX	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Selenium	0.17	MG/KG	J
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Silver	4.6	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Sodium	191	MG/KG	J
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Thallium	0.037	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Vanadium	5.8	MG/KG	
MDA P	16-20242	RE16-02-44951	0-1 FT	QBT4	Zinc	27.9	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Acenaphthene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Aluminum	8180	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Aniline	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Anthracene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Antimony	0.89	MG/KG	UJ
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Arsenic	2.1	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Azobenzene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Barium	119	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Beryllium	0.75	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Cadmium	0.071	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Calcium	1680	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chromium	6.6	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Chrysene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Cobalt	4.1	MG/KG	J
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Copper	5.3	MG/KG	J
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Fluoranthene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Fluorene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	HMX	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Iron	9740	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Isophorone	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Lead	10.6	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Magnesium	1330	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Manganese	298	MG/KG	J+
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Mercury	0.022	MG/KG	J
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Naphthalene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nickel	4.7	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Phenanthrene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Phenol	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Potassium	1090	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Pyrene	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	RDX	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Selenium	0.22	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Silver	0.099	MG/KG	J
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Sodium	103	MG/KG	J
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Tetryl	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Thallium	0.14	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Vanadium	14.6	MG/KG	
MDA P	16-20261	0816-01-0108	0-1 FT	FILL	Zinc	23.2	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Acenaphthene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Aluminum	7970	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Aniline	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Anthracene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Antimony	0.89	MG/KG	UJ
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Arsenic	2	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Azobenzene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Barium	127	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Beryllium	0.76	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Cadmium	0.071	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Calcium	1750	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chromium	5.9	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Chrysene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Cobalt	4.6	MG/KG	J
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Copper	5.7	MG/KG	J
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Fluoranthene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Fluorene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	HMX	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Iron	9730	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Lead	11.6	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Magnesium	1300	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Manganese	364	MG/KG	J+
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Mercury	0.023	MG/KG	J
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Naphthalene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nickel	4.8	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Phenanthrene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Phenol	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Potassium	992	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Pyrene	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	RDX	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Selenium	0.22	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Silver	0.085	MG/KG	J
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Sodium	90.3	MG/KG	J
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Thallium	0.14	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Vanadium	14.3	MG/KG	
MDA P	16-20261	0816-01-0109	0-1 FT	FILL	Zinc	21.1	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Acenaphthene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Aluminum	7210	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Aniline	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Anthracene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Antimony	0.89	MG/KG	UJ
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Arsenic	1.6	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Azobenzene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Barium	354	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Beryllium	0.7	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Cadmium	0.071	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Calcium	2360	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chromium	5.3	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Chrysene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Cobalt	3.5	MG/KG	J
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Copper	13.4	MG/KG	J
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Fluoranthene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Fluorene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	HMX	1	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Iron	8470	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Lead	16.8	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Magnesium	1170	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Manganese	219	MG/KG	J+
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Mercury	0.024	MG/KG	J
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Naphthalene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nickel	4.8	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U

MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Phenanthrene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Phenol	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Potassium	605	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Pyrene	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	RDX	1.8	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Selenium	0.23	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Silver	0.83	MG/KG	J
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Sodium	116	MG/KG	J
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Thallium	0.49	MG/KG	J
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Vanadium	12.8	MG/KG	
MDA P	16-20262	0816-01-0105	0-1 FT	FILL	Zinc	26.7	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Acenaphthene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Aluminum	6050	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Aniline	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Anthracene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Antimony	0.89	MG/KG	UJ
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Arsenic	2	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Azobenzene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Barium	192	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Beryllium	0.85	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Cadmium	0.071	MG/KG	J
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Calcium	2260	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chromium	4	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Chrysene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Cobalt	2.7	MG/KG	J
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Copper	4.8	MG/KG	J
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Fluoranthene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Fluorene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	HMX	0.86	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Iron	9810	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Lead	12.6	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Magnesium	1030	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Manganese	250	MG/KG	J+
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Mercury	0.019	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Naphthalene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nickel	3.7	MG/KG	J
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Phenanthrene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Phenol	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Potassium	658	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Pyrene	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	RDX	1.3	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Selenium	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Silver	0.15	MG/KG	J
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Sodium	116	MG/KG	J
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Thallium	0.24	MG/KG	J
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Vanadium	11.2	MG/KG	
MDA P	16-20263	0816-01-0106	0-1 FT	FILL	Zinc	27.7	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Acenaphthene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Aluminum	5550	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Aniline	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Anthracene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Antimony	0.88	MG/KG	UJ
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Arsenic	1.4	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Azobenzene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Barium	921	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Beryllium	0.53	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Cadmium	0.07	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Calcium	2740	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chromium	4.9	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Chrysene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Cobalt	3.8	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Copper	7.1	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Fluoranthene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Fluorene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	HMX	0.19	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Iron	7830	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Isophorone	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Lead	13.8	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Magnesium	930	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Manganese	193	MG/KG	J+
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Mercury	0.024	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Naphthalene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nickel	3	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Phenanthrene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Phenol	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Potassium	861	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Pyrene	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	RDX	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Selenium	0.42	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Silver	0.44	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Sodium	93.4	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Thallium	0.26	MG/KG	J
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Vanadium	8.9	MG/KG	
MDA P	16-20265	0816-01-0107	0-1 FT	FILL	Zinc	28.4	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Acenaphthene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Aluminum	5540	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.088	MG/KG	J
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.074	MG/KG	J
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Aniline	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Anthracene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Antimony	0.24	MG/KG	UJ
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Arsenic	0.83	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Azobenzene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Barium	358	MG/KG	J-
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Beryllium	0.62	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Cadmium	0.15	MG/KG	J
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Calcium	1490	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chloroaniline[4-]	0.39	MG/KG	UJ
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chromium	4.5	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chromium hexavalent ion	0.12	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Chrysene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Cobalt	2	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Copper	4.9	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Fluoranthene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Fluorene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Hexachloroethane	0.39	MG/KG	UJ
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	HMX	1.4	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Iron	10300	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Isophorone	0.39	MG/KG	UJ
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Lead	7.3	MG/KG	J+
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Magnesium	2110	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Manganese	407	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Mercury	0.041	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Naphthalene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nickel	4.8	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Phenanthrene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Phenol	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Potassium	1420	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Pyrene	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	RDX	2.9	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Selenium	0.15	MG/KG	J-
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Silver	0.18	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Sodium	371	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Tetryl	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Thallium	0.16	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Vanadium	7.6	MG/KG	
MDA P	16-20268	RE16-02-45437	0-1 FT	ALLH	Zinc	43	MG/KG	J-
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Aluminum	3260	MG/KG	
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Antimony	1	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Barium	123	MG/KG	
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Beryllium	0.56	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Cadmium	0.082	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Calcium	1020	MG/KG	
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chromium	2.6	MG/KG	
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chromium hexavalent ion	0.52	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Cobalt	1.8	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Copper	3.7	MG/KG	
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	HMX	0.51	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Iron	8220	MG/KG	
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Lead	4.1	MG/KG	J+
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Magnesium	434	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Manganese	204	MG/KG	J-
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nickel	3.4	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Perchlorate	0.00606	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Potassium	809	MG/KG	
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	RDX	1.8	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Selenium	0.33	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Silver	0.59	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Sodium	240	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Tetryl	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Thallium	0.059	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Vanadium	1.1	MG/KG	J
MDA P	16-20269	0816-01-0061	0-1 FT	QBT4	Zinc	33.3	MG/KG	J+
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Aluminum	2200	MG/KG	
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Antimony	1	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Barium	16.9	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Beryllium	0.4	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Cadmium	0.08	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Calcium	731	MG/KG	
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chromium	3.3	MG/KG	
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Cobalt	1.3	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Copper	3.8	MG/KG	
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U

MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	HMX	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Iron	6440	MG/KG	
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Lead	4.2	MG/KG	J+
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Magnesium	285	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Manganese	152	MG/KG	J-
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nickel	4	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrobenzene	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Perchlorate	0.00941	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Potassium	566	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	RDX	0.57	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Selenium	0.25	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Silver	0.58	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Sodium	249	MG/KG	J
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Tetryl	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Thallium	0.028	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	UJ
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Vanadium	0.44	MG/KG	U
MDA P	16-20269	0816-01-0062	2-3 FT	QBT4	Zinc	27.3	MG/KG	J+
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Aluminum	4440	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Antimony	0.27	MG/KG	UJ
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Arsenic	3.4	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Barium	376	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Beryllium	0.68	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Calcium	901	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chromium	3.1	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Cobalt	1.8	MG/KG	J
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Copper	2.7	MG/KG	J
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	UJ
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	HMX	0.61	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Iron	8800	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Lead	4.7	MG/KG	J-
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Magnesium	721	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Manganese	177	MG/KG	J
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Mercury	0.02	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nickel	2.8	MG/KG	J
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Potassium	458	MG/KG	J
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	RDX	0.49	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Selenium	0.24	MG/KG	J
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Sodium	213	MG/KG	J
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Thallium	0.18	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Vanadium	6.4	MG/KG	
MDA P	16-20270	0816-01-0136	0-1 FT	QBT4	Zinc	23.9	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Aluminum	2510	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Antimony	0.27	MG/KG	UJ
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Arsenic	3.3	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Barium	216	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Beryllium	0.56	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Calcium	736	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chromium	1.7	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Cobalt	1.6	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Copper	2.3	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	UJ
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	HMX	0.25	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Iron	8370	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Lead	4.4	MG/KG	J-
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Magnesium	537	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Manganese	167	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Mercury	0.02	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nickel	2.4	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Potassium	478	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	RDX	0.3	MG/KG	
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Selenium	0.15	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Silver	0.55	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Sodium	240	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Thallium	0.18	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Vanadium	5.5	MG/KG	J
MDA P	16-20270	0816-01-0137	0-1 FT	QBT4	Zinc	25.6	MG/KG	
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Aluminum	1710	MG/KG	
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Antimony	0.28	MG/KG	UJ
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Arsenic	3.1	MG/KG	
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Barium	71.1	MG/KG	
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Beryllium	0.63	MG/KG	
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Cadmium	0.094	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Calcium	832	MG/KG	
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chromium	2	MG/KG	
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Cobalt	1.4	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Copper	2.7	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	UJ
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	HMX	0.2	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Iron	7000	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Lead	4	MG/KG	J-
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Magnesium	389	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Manganese	172	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nickel	2.5	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Potassium	291	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	RDX	0.16	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Selenium	0.21	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Sodium	221	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Vanadium	3.6	MG/KG	J
MDA P	16-20270	0816-01-0138	2-3 FT	QBT4	Zinc	22.5	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Aluminum	2060	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Antimony	0.27	MG/KG	UJ
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Arsenic	3.8	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Barium	93	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Beryllium	0.78	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Calcium	846	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chromium	2.8	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Cobalt	1.9	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Copper	5.2	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	UJ
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	HMX	0.23	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Iron	9300	MG/KG	
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Lead	5.6	MG/KG	J-
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Magnesium	541	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Manganese	333	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Mercury	21	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nickel	4	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Potassium	323	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	RDX	0.17	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Selenium	0.16	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Sodium	242	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Vanadium	4.5	MG/KG	J
MDA P	16-20270	0816-01-0139	2-3 FT	QBT4	Zinc	27.7	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Aluminum	3200	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U

MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Arsenic	1.8	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Barium	19.2	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Beryllium	0.63	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Calcium	821	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chromium	4.7	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Cobalt	1.6	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Copper	1.9	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Iron	8110	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Lead	3.8	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Magnesium	589	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Manganese	253	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Mercury	0.026	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nickel	2.2	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Potassium	734	MG/KG	
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Selenium	0.26	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Sodium	318	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Vanadium	4.1	MG/KG	J
MDA P	16-20271	0816-01-0116	0-1 FT	QBT4	Zinc	30.3	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Acenaphthene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Aluminum	2030	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Aniline	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Anthracene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Antimony	0.26	MG/KG	UJ
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Arsenic	2.2	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Azobenzene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Barium	274	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Beryllium	0.54	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Cadmium	0.091	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Calcium	817	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chromium	1.9	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chromium hexavalent ion	0.47	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Chrysene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Cobalt	1.6	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Copper	1.4	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	UJ
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Fluoranthene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Fluorene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	HMX	0.19	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Iron	8330	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Isophorone	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Lead	3.1	MG/KG	J-
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Magnesium	516	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Manganese	243	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Mercury	0.02	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Naphthalene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nickel	2	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Phenanthrene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Phenol	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Potassium	273	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Pyrene	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	RDX	1.8	MG/KG	
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Selenium	0.25	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Silver	0.53	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Sodium	214	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Tetryl	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Thallium	0.18	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Vanadium	4.7	MG/KG	J
MDA P	16-20271T	0816-01-0140	0-1 FT	QBT4	Zinc	20.5	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Aluminum	2890	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Antimony	1	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Barium	30.9	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Beryllium	0.48	MG/KG	J
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Cadmium	0.08	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Calcium	944	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chromium	4.1	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Cobalt	1.1	MG/KG	J
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Copper	2.7	MG/KG	J
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	HMX	0.32	MG/KG	UJ
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Iron	8720	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Lead	10	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Magnesium	664	MG/KG	
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Manganese	266	MG/KG	J-
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nickel	2.6	MG/KG	J
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Perchlorate	0.00925	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Potassium	551	MG/KG	J
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Pyrene	2	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Selenium	0.25	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Silver	0.039	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Sodium	331	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Thallium	0.15	MG/KG	J
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Vanadium	3	MG/KG	J
MDA P	16-20273	0816-01-0031	0-1 FT	QBT4	Zinc	33.4	MG/KG	J-
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Aluminum	6130	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Antimony	0.99	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Barium	21.5	MG/KG	J
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Beryllium	1.3	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Cadmium	0.079	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Calcium	1130	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chromium	5.1	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Cobalt	1	MG/KG	J
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Copper	4	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	HMX	0.31	MG/KG	UJ
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Iron	10200	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Lead	13.2	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Magnesium	1150	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Manganese	207	MG/KG	J-
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nickel	4	MG/KG	J
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Perchlorate	0.00913	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Potassium	843	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Pyrene	2	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Selenium	0.74	MG/KG	
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Silver	0.039	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Sodium	282	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Vanadium	5	MG/KG	J
MDA P	16-20273	0816-01-0032	2-3 FT	QBT4	Zinc	37.2	MG/KG	J-
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Aluminum	1970	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Antimony	0.2	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Arsenic	0.63	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Barium	15.4	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Beryllium	0.35	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Cadmium	0.035	MG/KG	J
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Calcium	788	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Chromium	1.7	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Chromium hexavalent ion	0.1	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Cobalt	0.52	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Copper	2	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	HMX	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Iron	6720	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Lead	8.4	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Magnesium	595	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Manganese	126	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Mercury	0.033	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Nickel	1.3	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Potassium	472	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	RDX	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Selenium	0.33	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Silver	0.2	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Sodium	301	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Tetryl	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Thallium	0.23	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Trinitrobenzene[1,3,5-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Vanadium	2.6	MG/KG	
MDA P	16-20273	RE16-02-45791	0.9-1.7 FT	QBT4	Zinc	24.6	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Aluminum	2220	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Antimony	0.2	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Arsenic	0.6	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Barium	31	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Beryllium	0.49	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Cadmium	0.087	MG/KG	J
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Calcium	1230	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Chromium	3.1	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Chromium hexavalent ion	0.1	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Cobalt	0.96	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Copper	5.4	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	HMX	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Iron	7270	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Lead	6.5	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Magnesium	987	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Manganese	256	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Mercury	0.033	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Nickel	2.7	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Potassium	638	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	RDX	0.25	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Selenium	0.18	MG/KG	J
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Silver	0.2	MG/KG	U
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Sodium	290	MG/KG	
MDA P	16-20273	RE16-02-45792	7.7-18.5 F	QBT4	Tetryl	0.25	MG/KG	U

MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Beryllium	1.6	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Cadmium	0.078	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Calcium	2240	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chromium	12.1	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Cobalt	1.3	MG/KG	J
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Copper	7.4	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Iron	17200	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Lead	6.6	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Magnesium	2360	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Manganese	64.1	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nickel	11.3	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Potassium	1440	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	RDX	2.3	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Selenium	0.25	MG/KG	UJ
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Sodium	150	MG/KG	J
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Thallium	0.34	MG/KG	J+
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Vanadium	16.3	MG/KG	
MDA P	16-20295	0816-01-0072	0-1 FT	QBT4	Zinc	36.2	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Acenaphthene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Aluminum	9250	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Aniline	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Anthracene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Antimony	0.37	MG/KG	J-
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Arsenic	3.1	MG/KG	J-
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Azobenzene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Barium	120	MG/KG	J+
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Beryllium	0.83	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Bromide	1.28	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Cadmium	0.018	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Calcium	2030	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chloride	15.5	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chromium	6.1	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Chrysene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Cobalt	3.5	MG/KG	J
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Copper	4.1	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Fluoranthene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Fluorene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Fluoride	2.96	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	HMX	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Iron	11800	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Lead	8.3	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Magnesium	1440	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Manganese	286	MG/KG	J
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Mercury	0.021	MG/KG	J
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Naphthalene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nickel	5.2	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrosodiethylamine[N-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Oxalate	11.2	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Perchlorate	0.0164	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Phenanthrene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Phenol	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Potassium	1030	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Pyrene	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	RDX	0.18	MG/KG	J
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Selenium	0.25	MG/KG	J
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Silver	0.55	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Sodium	155	MG/KG	J
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Sulfate	49	MG/KG	
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Tetryl	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Thallium	0.18	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Vanadium	17.1	MG/KG	J-
MDA P	16-20300	0816-01-0186	0-1 FT	FILL	Zinc	33.5	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Acenaphthene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Aluminum	6400	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.069	MG/KG	J
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Aniline	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Anthracene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Antimony	0.27	MG/KG	J-
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Arsenic	2.3	MG/KG	J-
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Azobenzene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Barium	398	MG/KG	J+
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Beryllium	0.52	MG/KG	J
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Bis(2-ethylhexyl)phthalate	0.17	MG/KG	J
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Bromide	0.45	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Cadmium	0.017	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Calcium	1410	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chloride	2.53	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chromium	4.5	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Chrysene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Cobalt	3.6	MG/KG	J
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Copper	4.3	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Fluoranthene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Fluorene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Fluoride	1.49	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	HMX	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Iron	10100	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Isophorone	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Lead	17.7	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Magnesium	978	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Manganese	255	MG/KG	J
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Mercury	0.019	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Naphthalene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nickel	3.7	MG/KG	J
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrosodiethylamine[N-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Oxalate	10.1	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Perchlorate	0.0163	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Phenanthrene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Phenol	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Potassium	1040	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Pyrene	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	RDX	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Selenium	0.26	MG/KG	J
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Silver	0.51	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Sodium	74.8	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Sulfate	12.3	MG/KG	
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Thallium	0.17	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Vanadium	10	MG/KG	J-
MDA P	16-20300	0816-01-0187	2-3 FT	FILL	Zinc	27	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Acenaphthene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Aluminum	4580	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.044	MG/KG	J
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Aniline	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Anthracene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Antimony	0.25	MG/KG	UJ
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Arsenic	1.8	MG/KG	J-
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Azobenzene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Barium	205	MG/KG	J+
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Beryllium	0.66	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Cadmium	0.017	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Calcium	1180	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chromium	2.8	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Chrysene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Cobalt	1.5	MG/KG	J
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Copper	3.3	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Fluoranthene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Fluorene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	HMX	0.55	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Iron	7570	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Isophorone	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Lead	5.7	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Magnesium	742	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Manganese	226	MG/KG	J
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Mercury	0.019	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Naphthalene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nickel	2.3	MG/KG	J
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrosodiethylamine[N-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Phenanthrene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Phenol	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Potassium	727	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Pyrene	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	RDX	2.2	MG/KG	
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Selenium	0.15	MG/KG	J
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Silver	0.51	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Sodium	91.3	MG/KG	J
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Tetryl	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Thallium	0.17	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Vanadium	5.9	MG/KG	J-
MDA P	16-20301	0816-01-0188	0-1 FT	FILL	Zinc	37.6	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Acenaphthene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Aluminum	8850	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.16	MG/KG	J
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.12	MG/KG	J
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Aniline	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Anthracene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Antimony	0.92	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Arsenic	1.1	MG/KG	J
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Azobenzene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Barium	696	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Beryllium	0.69	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Cadmium	0.073	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Calcium	2650	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chromium	7.9	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chromium hexavalent ion	0.47	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Chrysene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Cobalt	4.2	MG/KG	J
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Copper	36.8	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Fluoranthene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Fluorene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	HMX	1.6	MG/KG	J-
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Iron	10100	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Lead	18.5	MG/KG	
MDA P	16-20304	0816-01-0036	0-1 FT	FILL	Magnesium	1390	MG/KG	

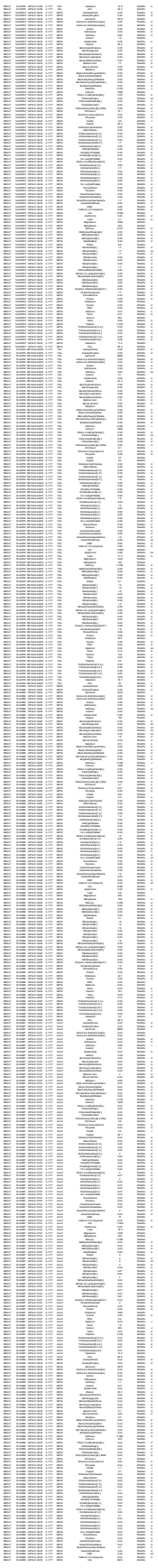
88017	5.e+000	03-Jul-2036	0.157	58%	Nephron	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Cancer	5000	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Other Cardiomyopathies	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Osteoporosis	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Other Diseases of Liver	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Alcohol	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Other Diseases of Liver	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Hospital	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Cancer	5000	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Asthma	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Other Diseases of Liver	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondrion	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(1-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-2)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-3)	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-4)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Dialysis	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Growth Factor(1-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Growth Factor(2-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondrion	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondrion(1-1)	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(1-1)	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(1-2)	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(1-3)	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-2)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-3)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Immunotherapy(2-4)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Heart	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Heart/Arteriosclerosis	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Heart/Arteriosclerosis	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Heart/Arteriosclerosis/Stroke	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Heart/Arteriosclerosis/Stroke	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	HIV	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Other Cardiomyopathies	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Liver	5000	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Liver	157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Nephrons	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Allergens	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Hospital	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Hallucinations(1-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Hallucinations(2-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Spleen	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Spleen	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Nephrons	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Nephrons	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Tobacco	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria	0.5	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(1-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-1)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-2)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-3)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-4)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-5)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-6)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-7)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-8)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-9)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-10)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-11)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-12)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-13)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-14)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-15)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-16)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-17)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-18)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-19)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-20)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-21)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-22)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-23)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-24)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-25)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-26)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-27)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-28)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-29)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-30)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-31)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-32)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-33)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-34)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-35)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-36)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-37)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-38)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-39)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-40)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-41)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-42)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-43)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-44)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-45)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-46)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-47)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-48)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-49)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-50)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-51)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-52)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-53)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-54)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-55)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-56)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-57)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-58)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-59)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-60)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-61)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-62)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-63)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-64)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-65)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-66)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-67)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-68)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-69)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-70)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-71)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-72)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-73)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-74)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-75)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-76)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-77)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-78)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-79)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-80)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-81)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-82)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-83)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-84)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-85)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-86)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-87)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-88)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-89)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-90)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-91)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-92)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-93)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-94)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-95)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-96)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-97)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-98)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-99)	0.157	Works
88017	5.e+000	03-Jul-2036	0.157	58%	Mitochondria(2-100)	0.157	Works

MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Perchlorate	0.00915	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Potassium	874	MG/KG	
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	RDX	0.32	MG/KG	
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Selenium	0.25	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Sodium	200	MG/KG	J
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Thallium	0.042	MG/KG	J+
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Vanadium	5.1	MG/KG	J
MDA P	16-20333	0816-01-0091	0-1 FT	QBT4	Zinc	35	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Aluminum	3530	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Antimony	1	MG/KG	UJ
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Arsenic	1.1	MG/KG	J-
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Barium	20.2	MG/KG	J-
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Beryllium	0.7	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Cadmium	0.17	MG/KG	J
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Calcium	1050	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chromium	4.4	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chromium hexavalent ion	0.52	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Cobalt	2.2	MG/KG	J
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Copper	2.8	MG/KG	J
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	UJ
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Iron	9570	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Lead	3.7	MG/KG	J-
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Magnesium	860	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Manganese	165	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nickel	5.7	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Perchlorate	0.00918	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Potassium	1030	MG/KG	
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Selenium	0.37	MG/KG	J
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Silver	0.58	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Sodium	210	MG/KG	J
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Thallium	0.055	MG/KG	J+
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Vanadium	4.6	MG/KG	J
MDA P	16-20333	0816-01-0092	0-1 FT	QBT4	Zinc	36	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Aluminum	2410	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Aniline	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Antimony	1	MG/KG	UJ
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Arsenic	1.3	MG/KG	J-
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Barium	20.6	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Beryllium	0.58	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Cadmium	0.17	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Calcium	999	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chromium	5.8	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chromium hexavalent ion	0.52	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Cobalt	2.1	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Copper	2.9	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	UJ
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Iron	9320	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Lead	3.4	MG/KG	J-
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Magnesium	940	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Manganese	189	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nickel	5.3	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Perchlorate	0.00944	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Potassium	857	MG/KG	
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Pyrene	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Selenium	0.3	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Silver	0.59	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Sodium	202	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Thallium	0.027	MG/KG	J+
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Vanadium	4.2	MG/KG	J
MDA P	16-20333	0816-01-0093	2-3 FT	QBT4	Zinc	39	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Acenaphthene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Acenaphthylene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Aluminum	2140	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Aniline	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Anthracene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Antimony	1	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Arsenic	0.93	MG/KG	J-
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Azobenzene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Barium	22.4	MG/KG	J-
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Beryllium	0.56	MG/KG	J
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Cadmium	0.15	MG/KG	J
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Calcium	1060	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chromium	4	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chromium hexavalent ion	0.53	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Chrysene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Cobalt	2.6	MG/KG	J
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Copper	2.4	MG/KG	J
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dibenzofuran	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Diethylphthalate	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Fluoranthene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Fluorene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Hexachloroethane	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	HMX	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Iron	9580	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Isophorone	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Lead	3.6	MG/KG	J-
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Magnesium	940	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Manganese	248	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Naphthalene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nickel	5.5	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrobenzene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrotoluene[3-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Nitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Perchlorate	0.00945	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Phenanthrene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Potassium	837	MG/KG	
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Pyrene	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	RDX	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Selenium	0.26	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Silver	0.6	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Sodium	223	MG/KG	J
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Tetryl	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Thallium	0.029	MG/KG	J+
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	UJ
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.33	MG/KG	U
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Vanadium	4.7	MG/KG	J
MDA P	16-20333	0816-01-0094	2-3 FT	QBT4	Zinc	36.4	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Acenaphthene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Aluminum	2810	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Aniline	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Anthracene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Antimony	0.91	MG/KG	UJ
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Arsenic	0.97	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Azobenzene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Barium	335	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Beryllium	0.41	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Cadmium	0.094	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Calcium	944	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chloroaniline[4-]	0.38	MG/KG	UJ
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chromium	3.3	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Chrysene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Cobalt	2.1	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Copper	25.6	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Fluoranthene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Fluorene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	HMX	0.2	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Iron	7720	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Isophorone	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Lead	3.5	MG/KG	J-
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Magnesium	598	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Manganese	191	MG/KG	J+
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Mercury	0.019	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Naphthalene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nickel	5.4	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Phenanthrene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Phenol	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Potassium	750	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Pyrene	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	RDX	0.81	MG/KG	
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Selenium	0.41	MG/KG	J-
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Silver	0.52	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Sodium	467	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Tetryl	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Thallium	0.013	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Vanadium	2.9	MG/KG	J
MDA P	16-20334	0816-01-0235	0-1 FT	QBT4	Zinc	37.8	MG/KG	
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Acenaphthene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Aluminum	3380	MG/KG	
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Aniline	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Anthracene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Antimony	0.85	MG/KG	UJ
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Arsenic	0.12	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Azobenzene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Barium	860	MG/KG	J
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Beryllium	0.55	MG/KG	
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Cadmium	0.068	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Calcium	825	MG/KG	
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Chloroaniline[4-]	0.36	MG/KG	UJ
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20335	0816-01-0236	0-1 FT	QBT4	Chromium	3.5	MG/KG	

MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Beryllium	0.7	MG/KG	
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Butylbenzylphthalate	0.38	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Cadmium	0.017	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Calcium	24000	MG/KG	
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chromium	8.3	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Chrysene	0.38	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Cobalt	4.7	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Copper	11.3	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dibenz(a,h)anthracene	0.38	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dinitrotoluene[2,6-]	0.15	MG/KG	J+
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Di-n-octylphthalate	0.38	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Fluoranthene	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Fluorene	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	HMX	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Iron	10400	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Lead	13.8	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Magnesium	1770	MG/KG	
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Manganese	307	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Mercury	0.022	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Naphthalene	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nickel	7.2	MG/KG	
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrosodiethylamine[N-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Phenanthrene	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Phenol	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Potassium	1500	MG/KG	
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Pyrene	0.38	MG/KG	UJ
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	RDX	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Selenium	0.14	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Silver	0.73	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Sodium	202	MG/KG	J
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Thallium	0.17	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Vanadium	20	MG/KG	J-
MDA P	16-20346	0816-01-0163	3.5-4.5 FT	FILL	Zinc	47.8	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Acenaphthene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Aluminum	4310	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.11	MG/KG	J
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.13	MG/KG	J
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Aniline	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Anthracene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Antimony	1.1	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Arsenic	1.9	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Azobenzene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Barium	588	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Beryllium	0.6	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Cadmium	0.56	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Calcium	1800	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chromium	4.3	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Chrysene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Cobalt	1.8	MG/KG	J
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Copper	10.5	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Fluoranthene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Fluorene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	HMX	1.7	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Iron	8560	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Isophorone	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Lead	9.1	MG/KG	J+
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Magnesium	701	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Manganese	238	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Mercury	0.037	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Naphthalene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nickel	4.4	MG/KG	J
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrosodiethylamine[N-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Phenanthrene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Phenol	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Potassium	568	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Pyrene	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	RDX	2.6	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Selenium	0.15	MG/KG	J
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Silver	1.1	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Sodium	61.4	MG/KG	J
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Thallium	1.1	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.034	MG/KG	J
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Vanadium	6.9	MG/KG	
MDA P	16-20348	0816-01-0214	0-1 FT	FILL	Zinc	46.8	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Acenaphthene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Aluminum	5980	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Aniline	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Anthracene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Antimony	0.88	MG/KG	UJ
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Arsenic	2	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Azobenzene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Barium	1540	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Beryllium	0.87	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Cadmium	0.13	MG/KG	J
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Calcium	2600	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chromium	4.9	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Chrysene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Cobalt	4.4	MG/KG	J
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Copper	11.6	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Fluoranthene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Fluorene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	HMX	5.7	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Iron	8960	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Isophorone	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Lead	13.9	MG/KG	J+
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Magnesium	1160	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Manganese	206	MG/KG	J-
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Mercury	0.04	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Naphthalene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nickel	4.3	MG/KG	J
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Phenanthrene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Phenol	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Potassium	958	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Pyrene	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	RDX	1.6	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Selenium	0.48	MG/KG	J-
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Silver	1.5	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Sodium	179	MG/KG	J
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Tetryl	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Thallium	0.1	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Vanadium	10.1	MG/KG	
MDA P	16-20351	0816-01-0050	0-1 FT	FILL	Zinc	78.7	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Aluminum	17400	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Antimony	0.89	MG/KG	UJ
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Arsenic	2.6	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Barium	179	MG/KG	J
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Beryllium	2.4	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Cadmium	0.086	MG/KG	J
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Calcium	1760	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	UJ
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chromium	9.2	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Cobalt	3.1	MG/KG	J
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Copper	29.5	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	HMX	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Iron	15800	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Lead	10.2	MG/KG	J-
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Magnesium	2370	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Manganese	256	MG/KG	J+
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Mercury	0.03	MG/KG	J
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nickel	11.2	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Potassium	1430	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	RDX	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Selenium	0.22	MG/KG	UJ
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Silver	0.51	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Sodium	283	MG/KG	J
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Thallium	0.15	MG/KG	J
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Vanadium	15.1	MG/KG	
MDA P	16-20370	0816-01-0237	0-1 FT	QBT4	Zinc	49.8	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Acenaphthene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Aluminum	6750	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Aniline	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Anthracene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Antimony	0.93	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Arsenic	1.4	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Azobenzene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Barium	2060	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Beryllium	1.6	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Cadmium	0.077	MG/KG	J
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Calcium	1170	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chloroaniline[4-]	0.38	MG/KG	UJ
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chromium	7.5	MG/KG	J
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chromium hexavalent ion	0.47	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Chrysene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Cobalt	5.3	MG/KG	J
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Copper	6	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Fluoranthene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Fluorene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Iron	11600	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Isophorone	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Lead	4.8	MG/KG	J+
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Magnesium	1470	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Manganese	307	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Mercury	0.022	MG/KG	J
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Naphthalene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nickel	5.8	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.38	MG/KG	U

MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Phenanthrene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Phenol	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Potassium	1140	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Pyrene	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	RDX	1.2	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Selenium	0.35	MG/KG	J-
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Silver	0.53	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Sodium	287	MG/KG	J
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Thallium	0.013	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Vanadium	10	MG/KG	
MDA P	16-20371	0816-01-0229	0-1 FT	QBT4	Zinc	41.2	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Aluminum	3280	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Antimony	0.87	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Arsenic	0.8	MG/KG	J
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Barium	43.6	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Beryllium	0.83	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Cadmium	0.07	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Calcium	1280	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	UJ
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chromium	5.4	MG/KG	J
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Cobalt	2.3	MG/KG	J
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Copper	7	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	HMX	0.6	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Iron	9160	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Lead	2.5	MG/KG	J+
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Magnesium	1050	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Manganese	195	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Mercury	0.019	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nickel	4.8	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Potassium	903	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	RDX	1.4	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Selenium	0.32	MG/KG	J-
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Silver	0.5	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Sodium	371	MG/KG	J
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Thallium	0.012	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Vanadium	6.8	MG/KG	
MDA P	16-20372	0816-01-0230	0-1 FT	QBT4	Zinc	34.9	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Acenaphthene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Aluminum	3800	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Aniline	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Anthracene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Antimony	0.83	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Arsenic	0.71	MG/KG	J
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Azobenzene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Barium	42.9	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Beryllium	1.1	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Cadmium	0.11	MG/KG	J
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Calcium	1500	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chloroaniline[4-]	0.35	MG/KG	UJ
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chromium	5.4	MG/KG	J
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Chrysene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Cobalt	2.4	MG/KG	J
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Copper	24.2	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Fluoranthene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Fluorene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	HMX	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Iron	9280	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Isophorone	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Lead	3.4	MG/KG	J+
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Magnesium	1070	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Manganese	284	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Mercury	0.018	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Naphthalene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nickel	3.8	MG/KG	J
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	UJ
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Phenanthrene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Phenol	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Potassium	1120	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Pyrene	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	RDX	0.8	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Selenium	0.4	MG/KG	J-
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Silver	0.48	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Sodium	474	MG/KG	J
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Tetryl	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Thallium	0.012	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Vanadium	5.8	MG/KG	
MDA P	16-20373	0816-01-0234	0-1 FT	QBT4	Zinc	40.3	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Aluminum	13400	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Aniline	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Antimony	1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Arsenic	2.1	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Barium	76.1	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Beryllium	3.3	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Bromide	0.958	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Cadmium	0.73	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Calcium	2700	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chloride	24.5	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chromium	14.4	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chromium hexavalent ion	0.53	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Cobalt	8.1	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Copper	6.1	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Fluoride	3.35	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	HMX	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Iron	17900	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Lead	6.5	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Magnesium	3600	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Manganese	199	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Mercury	0.024	MG/KG	J
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nickel	9.1	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Oxalate	6.62	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Perchlorate	0.232	MG/KG	J-
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Potassium	2090	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Pyrene	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	RDX	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Selenium	1.4	MG/KG	J-
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Silver	1	MG/KG	J
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Sodium	346	MG/KG	J
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Sulfate	67	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Tetryl	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Thallium	0.31	MG/KG	J
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Vanadium	21.9	MG/KG	
MDA P	16-20373	0816-01-0304	0-1 FT	QBT4	Zinc	51.8	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Acenaphthene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Aluminum	4550	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Aniline	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Anthracene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Antimony	0.83	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Arsenic	0.11	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Azobenzene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Barium	36.3	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Beryllium	0.73	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Cadmium	0.087	MG/KG	J
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Calcium	1480	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chloroaniline[4-]	0.35	MG/KG	UJ
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chromium	5.7	MG/KG	J
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Chrysene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Cobalt	2.8	MG/KG	J
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Copper	20.5	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Fluoranthene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Fluorene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	HMX	0.28	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Iron	10400	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Isophorone	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Lead	3.6	MG/KG	J+
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Magnesium	1150	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Manganese	274	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Mercury	0.018	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Naphthalene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nickel	5.7	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	UJ
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Phenanthrene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Phenol	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Potassium	1250	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Pyrene	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	RDX	2.8	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Selenium	0.21	MG/KG	UJ
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Silver	0.48	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Sodium	608	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Tetryl	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Thallium	0.012	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Vanadium	7.9	MG/KG	
MDA P	16-20374	0816-01-0233	0-1 FT	QBT4	Zinc	51.3	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Aluminum	15200	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Antimony	0.4	MG/KG	J-
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Arsenic	3.3	MG/KG	J-
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Barium	280	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Beryllium	1.1	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Calcium	4710	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chromium	10.1	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chromium hexavalent ion	0.47	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Cobalt	4.1	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Copper	8	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dibenzofuran	0.37	MG/KG	U

MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	HMX	0.26	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Iron	15300	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Lead	9.3	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Magnesium	2710	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Manganese	103	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Mercury	0.045	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nickel	8.8	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrosodiethylamine[N-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Potassium	1440	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	RDX	0.43	MG/KG	
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Selenium	0.28	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Silver	0.53	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Sodium	231	MG/KG	J
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Thallium	0.18	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Vanadium	20.9	MG/KG	J-
MDA P	16-20375	0816-01-0177	5-6 FT	QBT4	Zinc	25.5	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Acenaphthene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Aluminum	11000	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.11	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Aniline	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Anthracene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Antimony	0.35	MG/KG	J-
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Arsenic	3.5	MG/KG	J-
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Azobenzene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Barium	94.3	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Beryllium	0.87	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Cadmium	0.017	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Calcium	3040	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chromium	7.3	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Chrysene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Cobalt	4.7	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Copper	4.4	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Fluoranthene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Fluorene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	HMX	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Iron	13100	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Isophorone	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Lead	10	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Magnesium	1810	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Manganese	330	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Mercury	0.019	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Methylnaphthalene[2-]	0.058	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Naphthalene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nickel	5.8	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrosodiethylamine[N-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Phenanthrene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Phenol	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Potassium	1630	MG/KG	
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Pyrene	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	RDX	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Selenium	0.28	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Silver	0.5	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Sodium	247	MG/KG	J
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Tetryl	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Thallium	0.17	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Vanadium	17.7	MG/KG	J-
MDA P	16-20375	0816-01-0178	7-8 FT	QBT4	Zinc	34.5	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Acenaphthene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Acenaphthylene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Aluminum	2160	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Aniline	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Anthracene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Antimony	0.3	MG/KG	J-
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Arsenic	2.1	MG/KG	J-
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Azobenzene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Barium	30.6	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Benzo(a)anthracene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Benzo(a)pyrene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Benzo(b)fluoranthene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Benzo(g,h,i)perylene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Benzo(k)fluoranthene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Benzoic Acid	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Benzyl Alcohol	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Beryllium	0.56	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Bis(2-chloroethoxy)methane	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Bis(2-chloroethyl)ether	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Bromophenyl-phenylether[4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Butylbenzylphthalate	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Cadmium	0.016	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Calcium	1270	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chloro-3-methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chloroaniline[4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chloronaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chlorophenol[2-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chromium	3.1	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Chrysene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Cobalt	1.9	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Copper	1.9	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dibenz(a,h)anthracene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dibenzofuran	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dichlorobenzene[1,2-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dichlorobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dichlorobenzene[1,4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dichlorobenzidine[3,3'-]	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dichlorophenol[2,4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Diethylphthalate	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dimethyl Phthalate	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dimethylphenol[2,4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Di-n-butylphthalate	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dinitrophenol[2,4-]	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Di-n-octylphthalate	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Fluoranthene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Fluorene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Hexachlorobenzene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Hexachlorobutadiene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Hexachlorocyclopentadiene	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Hexachloroethane	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	HMX	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Iron	9820	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Isophorone	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Lead	2.4	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Magnesium	742	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Manganese	242	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Mercury	0.017	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Methylnaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Methylphenol[2-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Naphthalene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nickel	6.5	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitroaniline[2-]	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitroaniline[3-]	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitroaniline[4-]	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrophenol[2-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrophenol[4-]	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrosodiethylamine[N-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrosodiphenylamine[N-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Pentachlorophenol	1.6	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Phenanthrene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Phenol	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Potassium	640	MG/KG	
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Pyrene	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	RDX	0.14	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Selenium	0.26	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Silver	0.47	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Sodium	260	MG/KG	J
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Tetryl	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Thallium	0.16	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Trichlorobenzene[1,2,4-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Trichlorophenol[2,4,5-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Trichlorophenol[2,4,6-]	0.33	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Trinitrobenzene[1,3,5-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Vanadium	6.5	MG/KG	J-
MDA P	16-20375	0816-01-0179	9-10 FT	QBT4	Zinc	28.3	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Acenaphthene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Aluminum	9870	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.063	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.7	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Aniline	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Anthracene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Antimony	0.38	MG/KG	J-
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Arsenic	3	MG/KG	J-
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Azobenzene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Barium	513	MG/KG	J+
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Benzo(a)anthracene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Benzo(b)fluoranthene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Benzo(g,h,i)perylene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Benzo(k)fluoranthene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Beryllium	0.78	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Butylbenzylphthalate	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Cadmium	0.016	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Calcium	3650	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chromium	6.4	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Chrysene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Cobalt	4.3	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Copper	8.7	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dibenz(a,h)anthracene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.9	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.11	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.28	MG/KG	J+
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Di-n-octylphthalate	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Fluoranthene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Fluorene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	HMX	2	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Iron	11400	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Isophorone	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Lead	13.9	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Magnesium	1520	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Manganese	293	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Mercury	0.023	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Methylnaphthalene[2-]	0.04	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Naphthalene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nickel	5.5	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrosodiethylamine[N-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrotoluene[3-]	0.14	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Nitrotoluene[4-]	0.14	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Phenanthrene	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Phenol	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Potassium	1330	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Pyrene	0.38	MG/KG	UJ
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	RDX	2.1	MG/KG	
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Selenium	0.32	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Silver	0.49	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Sodium	163	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Tetryl	0.12	MG/KG	J
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Thallium	0.16	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Vanadium	15.3	MG/KG	J-
MDA P	16-20376	0816-01-0164	0-1 FT	FILL	Zinc	40.2	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Acenaphthene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Aluminum	9680	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Amino-2,6-dinitrotoluene[4-]	0.096	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Amino-4,6-dinitrotoluene[2-]	0.46	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Aniline	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Anthracene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Antimony	0.25	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Arsenic	2.8	MG/KG	J-
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Azobenzene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Barium	415	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Benzo(a)pyrene	0.39	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Benzo(b)fluoranthene	0.39	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Benzo(g,h,i)perylene	0.39	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Benzo(k)fluoranthene	0.39	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Beryllium	0.78	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Cadmium	0.017	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Calcium	2840	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chromium	6.4	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Chrysene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Cobalt	4.1	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Copper	7.3	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dibenz(a,h)anthracene	0.39	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dinitrobenzene[1,3-]	0.17	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.45	MG/KG	J+
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Di-n-octylphthalate	0.39	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Fluoranthene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Fluorene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	HMX	2	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	UJ
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Iron	11700	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Isophorone	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Lead	11.8	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Magnesium	1530	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Manganese	342	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Mercury	0.02	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Naphthalene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nickel	5.7	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrobenzene	0.055	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrosodiethylamine[N-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Phenanthrene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Phenol	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Potassium	1280	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Pyrene	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	RDX	2.3	MG/KG	
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Selenium	0.27	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Silver	0.52	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Sodium	159	MG/KG	J
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Tetryl	0.29	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Thallium	0.17	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20376	0816-01-0166	0-1 FT	FILL	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U



MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Isophorone	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Lead	2.5	MG/KG	
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Magnesium	802	MG/KG	
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Manganese	219	MG/KG	J-
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Methylnaphthalene[2-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Methylphenol[2-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Methylphenol[4-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Naphthalene	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nickel	3.7	MG/KG	J
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrobenzene	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrophenol[2-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrotoluene[3-]	0.33	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Nitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Phenanthrene	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Phenol	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Potassium	556	MG/KG	J
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Pyrene	2.1	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	RDX	0.31	MG/KG	J
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Selenium	0.37	MG/KG	J
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Silver	0.042	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Sodium	294	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Tetryl	0.33	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Thallium	0.015	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.44	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.33	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.33	MG/KG	U
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Vanadium	4.6	MG/KG	J
MDA P	16-20389	0816-01-0030	0-1 FT	QBT4	Zinc	29.6	MG/KG	J-
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Acenaphthene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Aluminum	6100	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Aniline	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Anthracene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Antimony	0.85	MG/KG	UJ
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Arsenic	3.2	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Azobenzene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Barium	189	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Beryllium	0.82	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Cadmium	0.074	MG/KG	J
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Calcium	1870	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chromium	6.4	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Chrysene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Cobalt	12.8	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Copper	3.9	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	UJ
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Fluoranthene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Fluorene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	HMX	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Iron	9460	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Isophorone	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Lead	27.5	MG/KG	J+
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Magnesium	1440	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Manganese	1290	MG/KG	J-
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Mercury	0.023	MG/KG	J
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Naphthalene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nickel	4.8	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Phenanthrene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Phenol	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Potassium	1640	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Pyrene	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	RDX	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Selenium	0.35	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Silver	0.49	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Sodium	95.2	MG/KG	J
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Thallium	0.38	MG/KG	J
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Vanadium	26.2	MG/KG	
MDA P	16-20398	0816-01-0041	0-0.5 FT	ALLH	Zinc	17.2	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Aluminum	10400	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.062	MG/KG	J
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Antimony	0.32	MG/KG	J-
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Arsenic	3.7	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Barium	297	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Beryllium	1	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.099	MG/KG	J
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Calcium	2090	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chromium	6.7	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Cobalt	11	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Copper	5.9	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	HMX	0.74	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Iron	12600	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Lead	13.8	MG/KG	J-
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Magnesium	1660	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Manganese	842	MG/KG	J
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Mercury	0.022	MG/KG	J
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nickel	7.2	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Potassium	1290	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	RDX	0.75	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Selenium	0.37	MG/KG	J
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Sodium	118	MG/KG	J
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Thallium	0.22	MG/KG	J
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Vanadium	20.4	MG/KG	
MDA P	16-20404	0816-01-0128	0-1 FT	QBT4	Zinc	23.1	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Aluminum	2780	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Aniline	0.42	MG/KG	UJ
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Antimony	0.98	MG/KG	UJ
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Arsenic	0.64	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Barium	25.1	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Beryllium	0.73	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Cadmium	0.18	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Calcium	1270	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	UJ
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chromium	5	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Cobalt	1.6	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Copper	6.6	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	HMX	0.19	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Iron	8770	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Lead	2.6	MG/KG	J-
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Magnesium	996	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Manganese	234	MG/KG	J+
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nickel	4.7	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	UJ
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Potassium	598	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	RDX	1.8	MG/KG	
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Selenium	0.35	MG/KG	J-
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Sodium	278	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Thallium	0.29	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Vanadium	5.8	MG/KG	J
MDA P	16-20408	0816-01-0238	0-1 FT	QBT4	Zinc	34.1	MG/KG	
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Aluminum	2380	MG/KG	
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Aniline	0.43	MG/KG	UJ
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Antimony	1	MG/KG	UJ
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Barium	16.2	MG/KG	J
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Beryllium	0.48	MG/KG	J
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Cadmium	0.08	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Calcium	901	MG/KG	
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	UJ
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chromium	3.1	MG/KG	
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Cobalt	1	MG/KG	J
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Copper	3.6	MG/KG	
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Iron	8460	MG/KG	
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Lead	1.8	MG/KG	J-
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Magnesium	905	MG/KG	
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Manganese	230	MG/KG	J+
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nickel	1.9	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	UJ
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	UJ
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Potassium	521	MG/KG	J
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Pyrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Selenium	0.75	MG/KG	J-
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Silver	0.58	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Sodium	151	MG/KG	J
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Thallium	0.38	MG/KG	J
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Vanadium	3.7	MG/KG	J
MDA P	16-20409	0816-01-0239	0-1 FT	QBT4	Zinc	37.3	MG/KG	
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Aluminum	2190	MG/KG	
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Aniline	0.43	MG/KG	UJ
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Antimony	1	MG/KG	UJ
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Barium	13.1	MG/KG	J
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Beryllium	0.53	MG/KG	J
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U

MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Cadmium	0.081	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Calcium	1110	MG/KG	
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	UJ
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chromium	2.1	MG/KG	
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chromium hexavalent ion	0.52	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Cobalt	0.96	MG/KG	J
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Copper	3.2	MG/KG	J
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Iron	8550	MG/KG	
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Lead	1.6	MG/KG	J-
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Magnesium	555	MG/KG	J
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Manganese	235	MG/KG	J+
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nickel	3	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	UJ
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	UJ
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Potassium	302	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Pyrene	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Selenium	0.57	MG/KG	J-
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Silver	0.58	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Sodium	131	MG/KG	J
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Vanadium	3.2	MG/KG	J
MDA P	16-20409	0816-01-0240	0-1 FT	QBT4	Zinc	33.7	MG/KG	
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Aluminum	2860	MG/KG	
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Aniline	0.43	MG/KG	UJ
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Antimony	1	MG/KG	UJ
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Arsenic	2	MG/KG	
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Barium	14.7	MG/KG	J
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Beryllium	0.64	MG/KG	J
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Cadmium	0.081	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Calcium	1230	MG/KG	
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	UJ
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chromium	3	MG/KG	
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chromium hexavalent ion	0.52	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Cobalt	1.1	MG/KG	J
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Copper	2.8	MG/KG	J
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Iron	8930	MG/KG	
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Lead	2.8	MG/KG	J-
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Magnesium	749	MG/KG	
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Manganese	194	MG/KG	J+
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nickel	4.5	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	UJ
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	UJ
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Potassium	389	MG/KG	J
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Pyrene	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Selenium	0.26	MG/KG	UJ
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Silver	0.59	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Sodium	208	MG/KG	J
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Vanadium	4.9	MG/KG	J
MDA P	16-20411	0816-01-0241	0-1 FT	QBT4	Zinc	37.4	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Aluminum	4250	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Aniline	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Antimony	1.3	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Arsenic	2.1	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Barium	31.5	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Beryllium	1.2	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Cadmium	0.66	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Calcium	1890	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chromium	5.3	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chromium hexavalent ion	0.53	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Cobalt	2.9	MG/KG	J
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Copper	4.2	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	HMX	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Iron	11700	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Lead	5.1	MG/KG	J+
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Magnesium	1660	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Manganese	373	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Mercury	0.044	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nickel	6.1	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrotoluene[2-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrotoluene[3-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Nitrotoluene[4-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Potassium	1210	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Pyrene	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	RDX	0.066	MG/KG	J
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Selenium	0.32	MG/KG	J
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Silver	1.3	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Sodium	390	MG/KG	J
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Tetryl	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Thallium	1.3	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.33	MG/KG	U
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Vanadium	13.5	MG/KG	
MDA P	16-20413	0816-01-0216	0-1 FT	QBT4	Zinc	52.6	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Aluminum	5780	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Aniline	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Anthracene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Antimony	1	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Arsenic	0.63	MG/KG	J
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Barium	42.3	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Beryllium	0.88	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Bromide	0.574	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Cadmium	0.12	MG/KG	J
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Calcium	1630	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chloride	40.5	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chromium	11.9	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chromium hexavalent ion	0.52	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Chrysene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Cobalt	4	MG/KG	J
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Copper	4.1	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Diethylphthalate	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Fluoranthene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Fluorene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Fluoride	2.82	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Hexachloroethane	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	HMX	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Iron	14900	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Isophorone	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Lead	4.6	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Magnesium	2340	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Manganese	475	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Mercury	0.022	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Naphthalene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nickel	5.8	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrobenzene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Oxalate	7.49	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Perchlorate	0.242	MG/KG	J-
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Phenanthrene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Phenol	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Potassium	1500	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Pyrene	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	RDX	0.272	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Selenium	0.47	MG/KG	J-
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Silver	0.59	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Sodium	305	MG/KG	J
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Sulfate	56.9	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Tetryl	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Thallium	0.24	MG/KG	J
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	UJ
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Vanadium	17	MG/KG	
MDA P	16-20413	0816-01-0305	0-1 FT	QBT4	Zinc	65.6	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Aluminum	3620	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Antimony	0.99	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Barium	26.4	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Beryllium	0.81	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Cadmium	0.079	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Calcium	1510	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	UJ
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chromium	6	MG/KG	J
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Cobalt	2.1	MG/KG	J
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Copper	4	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Iron	11400	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Lead	4.2	MG/KG	J+
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Magnesium	1230	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Manganese	321	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nickel	4.1	MG/KG	J
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U

MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Potassium	862	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Selenium	0.53	MG/KG	J-
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Sodium	340	MG/KG	J
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Vanadium	9.1	MG/KG	
MDA P	16-20414	0816-01-0221	0-1 FT	QBT4	Zinc	48.7	MG/KG	
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Aluminum	3090	MG/KG	
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Aniline	0.43	MG/KG	UJ
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Antimony	1	MG/KG	UJ
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Barium	20.2	MG/KG	J
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Beryllium	1.3	MG/KG	
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Cadmium	0.081	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Calcium	1200	MG/KG	
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	UJ
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chromium	4.7	MG/KG	
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chromium hexavalent ion	0.52	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Cobalt	1.6	MG/KG	J
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Copper	3.3	MG/KG	
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20415	0816-01-0245	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
[illegible]								

88017	5.e+008	03-07-1936	1.037	1975	1988	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Cobol 2.0 Lucyna	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Ada	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Lisp	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Magdalena	988	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Monika	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Marcela	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Matematyka [ ]	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Mikrobiologia [ ]	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Mechanika [ ]	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Magdalena	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Marcin	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Metrologia [ ]	0	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Mineralogia [ ]	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Mykologia [ ]	0.7	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Mechanika	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Mechanika	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Metrologia [ ]	0.07	Middle	0
88017	5.e+008	03-07-1936	1.037	1975	Mechanika [ ]	0.07

MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Beryllium	0.39	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Cadmium	0.08	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Calcium	1040	MG/KG	
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	UJ
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chromium	2.8	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Cobalt	1.3	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Copper	1.6	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	HMX	0.54	MG/KG	
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Iron	8980	MG/KG	
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Lead	1.7	MG/KG	J+
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Magnesium	562	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Manganese	183	MG/KG	
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nickel	1.7	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Potassium	449	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	RDX	2.6	MG/KG	
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Selenium	0.39	MG/KG	J-
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Sodium	191	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Vanadium	4.5	MG/KG	J
MDA P	16-20452	0816-01-0222	0-1 FT	QBT4	Zinc	42.8	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Acenaphthene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Aluminum	2800	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Aniline	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Anthracene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Antimony	0.96	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Arsenic	0.23	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Azobenzene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Barium	1240	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Beryllium	0.43	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Cadmium	0.076	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Calcium	956	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chloroaniline[4-]	0.39	MG/KG	UJ
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chromium	4.3	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Chrysene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Cobalt	3.5	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Copper	1.8	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Fluoranthene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Fluorene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	HMX	0.65	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Iron	10200	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Isophorone	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Lead	11.2	MG/KG	J+
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Magnesium	713	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Manganese	290	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Mercury	0.02	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Naphthalene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nickel	1.6	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Phenanthrene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Phenol	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Potassium	605	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Pyrene	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	RDX	4	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Selenium	0.44	MG/KG	J-
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Silver	0.63	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Sodium	280	MG/KG	J
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Thallium	0.013	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Vanadium	6.6	MG/KG	
MDA P	16-20453	0816-01-0223	0-1 FT	QBT4	Zinc	70.7	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Aluminum	2780	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.23	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.18	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Antimony	0.34	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Arsenic	5.2	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Barium	1240	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Beryllium	0.53	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Cadmium	0.64	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Calcium	1120	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chromium	3.7	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Cobalt	2.5	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Copper	7.4	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	HMX	1.2	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Iron	9930	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Lead	1.9	MG/KG	J+
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Magnesium	827	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Manganese	235	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Mercury	0.043	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nickel	3.4	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Potassium	516	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	RDX	4	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Selenium	0.28	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Silver	1.3	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Sodium	161	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Thallium	1.3	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.079	MG/KG	J
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Vanadium	7.4	MG/KG	
MDA P	16-20454	0816-01-0218	0-1 FT	QBT4	Zinc	36.3	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Aluminum	10600	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.55	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.882	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Antimony	0.97	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Arsenic	5.6	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Barium	6980	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Beryllium	1.4	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Bromide	0.44	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Cadmium	0.24	MG/KG	J
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Calcium	1040	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chloride	19.9	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chromium	6.7	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Cobalt	151	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Copper	5	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Fluoride	9.64	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	HMX	2.23	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Iron	19000	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Lead	8.1	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Magnesium	1270	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Manganese	165	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Mercury	0.063	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nickel	6.6	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Oxalate	1.57	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Perchlorate	0.73	MG/KG	UJ
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Potassium	1000	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	RDX	7.06	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Selenium	0.54	MG/KG	J-
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Sodium	182	MG/KG	J
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Sulfate	14.3	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Tetryl	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Thallium	0.24	MG/KG	J
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Vanadium	15.3	MG/KG	
MDA P	16-20454	0816-01-0307	0-1 FT	QBT4	Zinc	43.4	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Aluminum	2320	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Antimony	0.97	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Arsenic	7.2	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Barium	1100	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Beryllium	0.71	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Cadmium	0.077	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Calcium	1080	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	UJ
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chromium	3.2	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Cobalt	2.9	MG/KG	J
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Copper	3	MG/KG	J
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	HMX	0.54	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Iron	10300	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Lead	3.1	MG/KG	J+
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Magnesium	595	MG/KG	J
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Manganese	391	MG/KG	J
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nickel	3.3	MG/KG	J
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U

MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Potassium	287	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	RDX	1.2	MG/KG	
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Selenium	0.39	MG/KG	J-
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Sodium	170	MG/KG	J
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Vanadium	5.4	MG/KG	J
MDA P	16-20455	0816-01-0207	0-1 FT	QBT4	Zinc	46.7	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Acenaphthene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Aluminum	6100	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Aniline	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Anthracene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Antimony	0.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Arsenic	1.5	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Azobenzene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Barium	652	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Beryllium	0.73	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Cadmium	0.072	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Calcium	1340	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chloroaniline[4-]	0.38	MG/KG	UJ
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chromium	7.3	MG/KG	J
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Chrysene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Cobalt	3.7	MG/KG	J
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Copper	2.3	MG/KG	J
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Fluoranthene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Fluorene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	HMX	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Iron	12900	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Isophorone	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Lead	5.4	MG/KG	J+
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Magnesium	1470	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Manganese	420	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Mercury	0.021	MG/KG	J
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Naphthalene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nickel	3.5	MG/KG	J
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Phenanthrene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Phenol	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Potassium	979	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Pyrene	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	RDX	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Selenium	0.53	MG/KG	J-
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Silver	0.52	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Sodium	213	MG/KG	J
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Tetryl	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Thallium	0.013	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Vanadium	11.6	MG/KG	
MDA P	16-20457	0816-01-0226	0-1 FT	QBT4	Zinc	52.5	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Acenaphthene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Aluminum	5340	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Aniline	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Anthracene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Antimony	0.95	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Arsenic	0.73	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Azobenzene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Barium	28.9	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Beryllium	0.86	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Cadmium	0.18	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Calcium	1110	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chloroaniline[4-]	0.39	MG/KG	UJ
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chromium	4.6	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Chrysene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Cobalt	2.4	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Copper	2.3	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Fluoranthene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Fluorene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Iron	11800	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Isophorone	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Lead	3.8	MG/KG	J+
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Magnesium	820	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Manganese	370	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Mercury	0.02	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Naphthalene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nickel	3.3	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrosodiethylamine[N-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Phenanthrene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Phenol	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Potassium	526	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Pyrene	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	RDX	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Selenium	0.35	MG/KG	J-
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Sodium	128	MG/KG	J
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Thallium	0.013	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Vanadium	8.3	MG/KG	
MDA P	16-20457	0816-01-0227	2-3 FT	QBT4	Zinc	50.7	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Aluminum	12100	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Antimony	0.94	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Arsenic	2.3	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Barium	200	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Beryllium	0.98	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Cadmium	0.075	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Calcium	2860	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chromium	9.3	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Cobalt	5.8	MG/KG	J
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Copper	7.2	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Iron	12800	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Lead	13.5	MG/KG	J+
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Magnesium	1730	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Manganese	249	MG/KG	J-
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Mercury	0.028	MG/KG	J
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nickel	8.5	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Potassium	1130	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	RDX	0.5	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Selenium	0.24	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Sodium	63.5	MG/KG	J
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Thallium	0.19	MG/KG	J
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Vanadium	19.4	MG/KG	
MDA P	16-20474	0816-01-0067	0-0.5 FT	QBT4	Zinc	23.6	MG/KG	J+
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Acenaphthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Aluminum	8590	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Aniline	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Anthracene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Antimony	0.94	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Arsenic	1.5	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Azobenzene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Barium	152	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Beryllium	0.76	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Cadmium	0.09	MG/KG	J
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Calcium	3270	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chromium	12	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Chrysene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Cobalt	4.1	MG/KG	J
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Copper	6.2	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Fluoranthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Fluorene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Iron	10800	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Isophorone	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Lead	10.5	MG/KG	J+
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Magnesium	1830	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Manganese	237	MG/KG	J-
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Mercury	0.025	MG/KG	J
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Naphthalene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nickel	9.3	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Phenanthrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Phenol	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Potassium	1510	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Pyrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	RDX	0.048	MG/KG	J
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Selenium	0.24	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Sodium	136	MG/KG	J
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Thallium	0.16	MG/KG	J
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Vanadium	9.1	MG/KG	
MDA P	16-20474	0816-01-0068	0-0.5 FT	QBT4	Zinc	30.5	MG/KG	J+
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Acenaphthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Aluminum	10400	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Aniline	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Anthracene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Antimony	0.93	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Arsenic	1.5	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Azobenzene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Barium	152	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Beryllium	0.91	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Cadmium	0.14	MG/KG	J
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Calcium	2890	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chromium	8.1	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Chrysene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Cobalt	3.5	MG/KG	J
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Copper	6.4	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dibenzofuran	0.39	MG/KG	U

MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Fluoranthene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Fluorene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Iron	11400	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Isophorone	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Lead	144	MG/KG	J+
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Magnesium	1870	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Manganese	210	MG/KG	J-
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Mercury	0.024	MG/KG	J
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Naphthalene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nickel	8.4	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Phenanthrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Phenol	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Potassium	1640	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Pyrene	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	RDX	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Selenium	0.24	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Sodium	116	MG/KG	J
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Thallium	0.5	MG/KG	J
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Vanadium	11.4	MG/KG	
MDA P	16-20474	0816-01-0069	2-3 FT	QBT4	Zinc	31.3	MG/KG	J+
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Acenaphthene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Acenaphthylene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Aluminum	10700	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Aniline	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Anthracene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Antimony	0.95	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Arsenic	3.1	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Azobenzene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Barium	189	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Benzo(a)anthracene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Benzo(a)pyrene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Benzo(b)fluoranthene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Benzo(k)fluoranthene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Benzoic Acid	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Benzyl Alcohol	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Beryllium	0.91	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Butylbenzylphthalate	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Cadmium	0.076	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Calcium	2410	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chloroaniline[4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chloronaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chlorophenol[2-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chromium	8	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Chrysene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Cobalt	5.6	MG/KG	J
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Copper	5.8	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dibenzofuran	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Diethylphthalate	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dimethyl Phthalate	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Di-n-butylphthalate	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dinitrophenol[2,4-]	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Di-n-octylphthalate	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Fluoranthene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Fluorene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Hexachlorobenzene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Hexachlorobutadiene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Hexachlorocyclopentadiene	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Hexachloroethane	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Iron	14700	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Isophorone	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Lead	14.7	MG/KG	J+
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Magnesium	1540	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Manganese	361	MG/KG	J-
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Mercury	0.029	MG/KG	J
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Methylnaphthalene[2-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Methylphenol[2-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Methylphenol[4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Naphthalene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nickel	7.3	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitroaniline[2-]	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitroaniline[3-]	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitroaniline[4-]	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrobenzene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrophenol[2-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrophenol[4-]	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Pentachlorophenol	2.1	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Phenanthrene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Phenol	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Potassium	1090	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Pyrene	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	RDX	0.66	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Selenium	0.24	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Silver	0.55	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Sodium	63.2	MG/KG	J
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Thallium	0.17	MG/KG	J
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.43	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Vanadium	25.8	MG/KG	
MDA P	16-20474	0816-01-0070	2-3 FT	QBT4	Zinc	21.1	MG/KG	J+
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Aluminum	3270	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Antimony	0.3	MG/KG	J-
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Arsenic	2.5	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Barium	44.8	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Beryllium	0.46	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Cadmium	0.017	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Calcium	1450	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chromium	4.8	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Cobalt	2.1	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Copper	2.2	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	UJ
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	HMX	0.15	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Iron	9820	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Lead	3.5	MG/KG	J-
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Magnesium	767	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Manganese	245	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Mercury	0.019	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nickel	3.2	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Potassium	469	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	RDX	0.14	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Selenium	0.22	MG/KG	J
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Silver	0.51	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Sodium	105	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Thallium	0.17	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Vanadium	8.2	MG/KG	
MDA P	16-20476	0816-01-0134	0-1 FT	QBT4	Zinc	29.3	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Acenaphthene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Aluminum	6650	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Aniline	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Anthracene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Antimony	0.9	MG/KG	UJ
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Arsenic	1.5	MG/KG	J-
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Azobenzene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Barium	1200	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Beryllium	0.58	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.08	MG/KG	J
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Cadmium	0.1	MG/KG	J
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Calcium	1970	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chromium	5.3	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Chrysene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Cobalt	3.7	MG/KG	J
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Copper	6.8	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.29	MG/KG	UJ
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Fluoranthene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Fluorene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	HMX	0.48	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Iron	8730	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Isophorone	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Lead	18.3	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Magnesium	989	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Manganese	194	MG/KG	J+
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Mercury	0.0045	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Naphthalene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nickel	4.8	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.38	MG/KG	UJ
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Phenanthrene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Phenol	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Potassium	655	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Pyrene	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	RDX	0.83	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Selenium	0.23	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Silver	0.52	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Sodium	77	MG/KG	J
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Tetryl	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Thallium	0.37	MG/KG	J
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Vanadium	8.5	MG/KG	
MDA P	16-20477	0816-01-0095	0-1 FT	QBT4	Zinc	26.1	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Aluminum	4830	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Aniline	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Anthracene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Arsenic	1.8	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Barium	445	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Beryllium	1.6	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Bromide	0.038	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Calcium	1380	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chloride	9.78	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chromium	3.3	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Chrysene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Cobalt	2.5	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Copper	3.2	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Fluorene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Fluoride	2.39	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	HMX	0.33	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Iron	10500	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Isophorone	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Lead	2.3	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Magnesium	860	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Manganese	432	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nickel	4.3	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Oxalate	0.361	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Perchlorate	0.036	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Potassium	324	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Pyrene	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	RDX	0.44	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Selenium	0.3	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Sodium	103	MG/KG	J
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Sulfate	4.69	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U

MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	UJ
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Vanadium	8	MG/KG	
MDA P	16-20478	0816-01-0151	0-1 FT	QBT4	Zinc	39.7	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Aluminum	3460	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Antimony	0.27	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Arsenic	1.9	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Barium	50.3	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Beryllium	1.1	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Bromide	0.0378	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Calcium	1200	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chloride	4.38	MG/KG	J
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chromium	6	MG/KG	J
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Cobalt	3.2	MG/KG	J
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Copper	2.9	MG/KG	J
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Fluoride	1.66	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Iron	13300	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Lead	3.9	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Magnesium	1690	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Manganese	537	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nickel	4.5	MG/KG	J
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Oxalate	0.359	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Perchlorate	0.00904	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Potassium	1060	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Selenium	0.15	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Sodium	251	MG/KG	J
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Sulfate	1.98	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Vanadium	14.1	MG/KG	
MDA P	16-20478	0816-01-0152	2-3 FT	QBT4	Zinc	85.1	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Aluminum	2460	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Antimony	0.99	MG/KG	UJ
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Arsenic	0.41	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Barium	387	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Beryllium	0.84	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Cadmium	0.079	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Calcium	969	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chromium	2.6	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Cobalt	2.8	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Copper	3.1	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Iron	10000	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Lead	2	MG/KG	
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Magnesium	624	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Manganese	308	MG/KG	J+
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nickel	2.3	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Potassium	365	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	RDX	0.11	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Selenium	0.25	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Silver	0.039	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Sodium	106	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Vanadium	5.4	MG/KG	J
MDA P	16-20479	0816-01-0113	0-1 FT	QBT4	Zinc	39.3	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Aluminum	1880	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Antimony	0.3	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Arsenic	1.5	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Barium	27.7	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Beryllium	0.8	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Calcium	1130	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chromium	2.5	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Cobalt	2.1	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Copper	3.7	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Iron	8740	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Lead	1.7	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Magnesium	520	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Manganese	308	MG/KG	
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nickel	2	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Potassium	296	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Selenium	0.17	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Sodium	181	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Vanadium	5.8	MG/KG	J
MDA P	16-20480	0816-01-0117	0-1 FT	QBT4	Zinc	31.8	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Aluminum	5810	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Arsenic	2	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Barium	35.6	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Beryllium	3.1	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Calcium	1410	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chromium	4.5	MG/KG	J
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Cobalt	2.7	MG/KG	J
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Copper	5.6	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Iron	11000	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Lead	2.7	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Magnesium	1150	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Manganese	349	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nickel	3.4	MG/KG	J
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Potassium	542	MG/KG	J
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Selenium	0.15	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Sodium	199	MG/KG	J
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Vanadium	8.2	MG/KG	
MDA P	16-20481	0816-01-0149	0-1 FT	QBT4	Zinc	42.6	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Acenaphthene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Acenaphthylene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Aluminum	3090	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Aniline	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Anthracene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Arsenic	1.7	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Azobenzene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Barium	20.7	MG/KG	J
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Benzo(a)anthracene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Benzo(a)pyrene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Benzo(b)fluoranthene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Benzo(k)fluoranthene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Benzyl Alcohol	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Beryllium	1.3	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Butylbenzylphthalate	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Calcium	1260	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chloroaniline[4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chloronaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chlorophenol[2-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chromium	3.8	MG/KG	J
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Chrysene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Cobalt	2.1	MG/KG	J
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Copper	3.7	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dibenzofuran	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Diethylphthalate	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dimethyl Phthalate	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Di-n-butylphthalate	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.42	MG/KG	U

MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Di-n-octylphthalate	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Fluoranthene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Fluorene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Hexachlorobenzene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Hexachlorobutadiene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Hexachloroethane	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	HMX	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Iron	10200	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Isophorone	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Lead	1.7	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Magnesium	722	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Manganese	285	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Methylnaphthalene[2-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Methylphenol[2-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Methylphenol[4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Naphthalene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nickel	2.2	MG/KG	J
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrobenzene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrophenol[2-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Phenanthrene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Phenol	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Potassium	333	MG/KG	J
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Pyrene	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	RDX	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Selenium	0.17	MG/KG	J
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Sodium	208	MG/KG	J
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.42	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Vanadium	7.6	MG/KG	
MDA P	16-20481	0816-01-0150	0-1 FT	QBT4	Zinc	39.2	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Aluminum	4280	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Arsenic	2.1	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Barium	22.8	MG/KG	J
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Beryllium	2.4	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Calcium	1400	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chromium	3.3	MG/KG	J
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Cobalt	2.1	MG/KG	J
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Copper	5.9	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Iron	11100	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Lead	2.7	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Magnesium	812	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Manganese	340	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nickel	3.3	MG/KG	J
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Potassium	507	MG/KG	J
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Selenium	0.15	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Sodium	146	MG/KG	J
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Vanadium	8.2	MG/KG	
MDA P	16-20482	0816-01-0155	0-1 FT	QBT4	Zinc	41.4	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Acenaphthene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Acenaphthylene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Aluminum	2180	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Aniline	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Anthracene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Antimony	0.23	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Arsenic	1.5	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Azobenzene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Barium	12.6	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Benzo(a)anthracene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Benzo(a)pyrene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Benzo(b)fluoranthene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Benzo(k)fluoranthene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Benzyl Alcohol	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Beryllium	0.46	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Butylbenzylphthalate	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Cadmium	0.016	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Calcium	939	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chloroaniline[4-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chloronaphthalene[2-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chromium	2.4	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Chrysene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Cobalt	1.7	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Copper	2.1	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dibenzofuran	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Diethylphthalate	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dimethyl Phthalate	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Di-n-butylphthalate	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Di-n-octylphthalate	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Fluoranthene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Fluorene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Hexachlorobenzene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Hexachlorobutadiene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Hexachloroethane	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	HMX	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Iron	8280	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Isophorone	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Lead	2.1	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Magnesium	523	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Manganese	227	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Mercury	0.018	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Methylnaphthalene[2-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Naphthalene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nickel	2.3	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrobenzene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Phenanthrene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Phenol	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Potassium	266	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Pyrene	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	RDX	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Selenium	0.14	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Silver	0.47	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Sodium	91.9	MG/KG	J
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Tetryl	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Thallium	0.16	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.35	MG/KG	UJ
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Vanadium	5.5	MG/KG	
MDA P	16-20483	0816-01-0156	0-1 FT	QBT4	Zinc	38	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Aluminum	2280	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Antimony	0.95	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Arsenic	0.85	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Barium	18.9	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Beryllium	0.81	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Cadmium	0.076	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Calcium	1120	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	UJ
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chromium	2.2	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Cobalt	1.2	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Copper	3.1	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Iron	10100	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Lead	2.9	MG/KG	J+
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Magnesium	558	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Manganese	356	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Mercury	0.02	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nickel	3.6	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Potassium	283	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	RDX	0.087	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Selenium	0.37	MG/KG	J-
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Silver	0.55	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Sodium	191	MG/KG	J
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Thallium	0.013	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Vanadium	6.1	MG/KG	
MDA P	16-20484	0816-01-0201	0-1 FT	QBT4	Zinc	49.2	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Aluminum	2150	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Antimony	0.98	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Arsenic	0.14	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Barium	29.2	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Beryllium	1	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Cadmium	0.078	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Calcium	1090	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	UJ
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chromium	3.2	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Cobalt	1.5	MG/KG	J
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Copper	3.5	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Iron	11200	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Lead	3	MG/KG	J+
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Magnesium	842	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Manganese	383	MG/KG	J
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nickel	5.2	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Potassium	452	MG/KG	J
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Selenium	0.25	MG/KG	UJ
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Sodium	209	MG/KG	J
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Thallium	0.014	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Vanadium	7.7	MG/KG	
MDA P	16-20485	0816-01-0202	0-1 FT	QBT4	Zinc	54.5	MG/KG	
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Aluminum	7060	MG/KG	
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Antimony	0.45	MG/KG	J
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Arsenic	3.5	MG/KG	
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Barium	57.2	MG/KG	
MDA P	16-20486	0816-01-0212	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U

MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nickel	4	MG/KG	J
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrosodiethylamine[N-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Oxalate	0.935	MG/KG	J
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Perchlorate	0.0174	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Potassium	280	MG/KG	J
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	RDX	3.3	MG/KG	
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Selenium	0.24	MG/KG	J-
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Sodium	190	MG/KG	J
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Sulfate	1.23	MG/KG	
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Thallium	0.013	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Vanadium	5.8	MG/KG	J
MDA P	16-20489	0816-01-0200	2-3 FT	QBT4	Zinc	43.4	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Aluminum	4110	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.14	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.082	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Antimony	0.98	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Arsenic	0.13	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Barium	1720	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Beryllium	1.7	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Cadmium	0.12	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Calcium	2130	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	UJ
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chromium	3.9	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Cobalt	4	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Copper	4.9	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	HMX	0.27	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Iron	18100	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Lead	3.1	MG/KG	J+
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Magnesium	1490	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Manganese	535	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nickel	4.3	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Potassium	381	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	RDX	0.92	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Selenium	0.25	MG/KG	UJ
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Sodium	208	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Thallium	0.065	MG/KG	J
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Vanadium	11	MG/KG	
MDA P	16-20490	0816-01-0192	0-1 FT	QBT4	Zinc	63.1	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Aluminum	7560	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Antimony	0.98	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Arsenic	0.47	MG/KG	J
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Barium	1980	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Beryllium	1.4	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Cadmium	0.089	MG/KG	J
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Calcium	1570	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	UJ
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chromium	9.3	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Cobalt	5.9	MG/KG	J
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Copper	5.9	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	HMX	0.36	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Iron	20600	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Lead	4.6	MG/KG	J+
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Magnesium	1820	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Manganese	750	MG/KG	J
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nickel	8.7	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Potassium	699	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	RDX	1.6	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Selenium	0.25	MG/KG	UJ
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Sodium	257	MG/KG	J
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Thallium	0.056	MG/KG	J
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Vanadium	13.2	MG/KG	
MDA P	16-20490	0816-01-0198	0-1 FT	QBT4	Zinc	89	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Aluminum	13500	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.099	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.087	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Antimony	0.52	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Arsenic	3.4	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Barium	2980	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	UJ
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Beryllium	2	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Calcium	1800	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chromium	9.1	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Cobalt	5.3	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Copper	7.1	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dimethylphenol[2,4-]	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	HMX	1.3	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Iron	17900	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Lead	6.9	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Magnesium	2220	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Manganese	476	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Mercury	0.023	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nickel	6.6	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Potassium	1340	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	RDX	3	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Selenium	0.33	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Silver	0.55	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Sodium	211	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Thallium	0.18	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.031	MG/KG	J
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Vanadium	18	MG/KG	
MDA P	16-20491	0816-01-0194	0-1 FT	QBT4	Zinc	66.1	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Acenaphthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Acenaphthylene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Aluminum	5430	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Aniline	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Anthracene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Antimony	0.81	MG/KG	UJ
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Arsenic	0.21	MG/KG	J
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Azobenzene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Barium	99	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Benzo(a)anthracene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Benzo(a)pyrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Benzo(b)fluoranthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Benzo(g,h,i)perylene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Benzo(k)fluoranthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Benzyl Alcohol	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Beryllium	0.27	MG/KG	J
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Bis(2-chloroethoxy)methane	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Bis(2-chloroethyl)ether	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Bromophenyl-phenylether[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Butylbenzylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Cadmium	0.085	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Calcium	1160	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chloro-3-methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chloroaniline[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chloronaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chlorophenol[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chromium	3.6	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chromium hexavalent ion	0.41	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Chrysene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Cobalt	1.7	MG/KG	J
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Copper	2.5	MG/KG	J
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dibenz(a,h)anthracene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dibenzofuran	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dichlorobenzene[1,2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dichlorobenzene[1,3-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dichlorobenzene[1,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dichlorophenol[2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Diethylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dimethyl Phthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dimethylphenol[2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Di-n-butylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Di-n-octylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Fluoranthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Fluorene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Hexachlorobenzene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Hexachlorobutadiene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Hexachloroethane	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	HMX	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Iron	4580	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Isophorone	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Lead	5.5	MG/KG	J+
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Magnesium	624	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Manganese	82.9	MG/KG	J-
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Mercury	0.017	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Methylnaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Methylphenol[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Naphthalene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nickel	2.3	MG/KG	J
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrobenzene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrophenol[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrosodimethylamine[N-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrosodiphenylamine[N-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Phenanthrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Phenol	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Potassium	470	MG/KG	J
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Pyrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	RDX	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Selenium	0.2	MG/KG	UJ
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Silver	0.47	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Sodium	106	MG/KG	J
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Tetryl	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Thallium	0.054	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Trichlorobenzene[1,2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Trichlorophenol[2,4,5-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Trichlorophenol[2,4,6-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Vanadium	7.9	MG/KG	
MDA P	16-20500	0816-01-0053	0-0.5 FT	ALLH	Zinc	9.4	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Acenaphthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Acenaphthylene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Aluminum	6040	MG/KG	
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Aniline	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Anthracene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Antimony	0.81	MG/KG	UJ
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Arsenic	0.13	MG/KG	J
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Azobenzene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Barium	50	MG/KG	
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Benzo(a)anthracene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Benzo(a)pyrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Benzo(b)fluoranthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Benzo(g,h,i)perylene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Benzo(k)fluoranthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Benzyl Alcohol	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Beryllium	0.32	MG/KG	J
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Bis(2-chloroethoxy)methane	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Bis(2-chloroethyl)ether	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Bromophenyl-phenylether[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Butylbenzylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Cadmium	0.065	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Calcium	728	MG/KG	

MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chloro-3-methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chloroaniline[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chloronaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chlorophenol[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chromium	3.6	MG/KG	
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chromium hexavalent ion	0.41	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Chrysene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Cobalt	1.2	MG/KG	J
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Copper	2.6	MG/KG	J
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dibenz(a,h)anthracene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dibenzofuran	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dichlorobenzene[1,2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dichlorobenzene[1,3-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dichlorobenzene[1,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dichlorophenol[2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Diethylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dimethyl Phthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dimethylphenol[2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Di-n-butylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Di-n-octylphthalate	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Fluoranthene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Fluorene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Hexachlorobenzene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Hexachlorobutadiene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Hexachloroethane	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	HMX	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Iron	4990	MG/KG	
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Isophorone	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Lead	4.5	MG/KG	J+
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Magnesium	431	MG/KG	J
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Manganese	66.7	MG/KG	J-
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Mercury	0.017	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Methylnaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Methylphenol[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Naphthalene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nickel	1.3	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrobenzene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrophenol[2-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrosodimethylamine[N-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrosodiphenylamine[N-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Phenanthrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Phenol	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Potassium	475	MG/KG	J
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Pyrene	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	RDX	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Selenium	0.2	MG/KG	UJ
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Silver	0.47	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Sodium	104	MG/KG	J
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Tetryl	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Thallium	0.051	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Trichlorobenzene[1,2,4-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Trichlorophenol[2,4,5-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Trichlorophenol[2,4,6-]	0.34	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Vanadium	7.5	MG/KG	
MDA P	16-20500	0816-01-0054	2-3 FT	ALLH	Zinc	10.4	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Aluminum	1760	MG/KG	
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Antimony	0.87	MG/KG	UJ
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Arsenic	0.18	MG/KG	J-
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Barium	13.7	MG/KG	J
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Beryllium	0.72	MG/KG	
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Cadmium	0.069	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Calcium	454	MG/KG	J
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chromium	0.52	MG/KG	J
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Cobalt	0.54	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Copper	1.6	MG/KG	J
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.27	MG/KG	UJ
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	HMX	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Iron	6520	MG/KG	
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Lead	2	MG/KG	
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Magnesium	214	MG/KG	J
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Manganese	240	MG/KG	J+
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Mercury	0.0028	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nickel	2.3	MG/KG	J
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Potassium	257	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	RDX	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Selenium	0.22	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Sodium	21.3	MG/KG	J
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Tetryl	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Thallium	0.012	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Vanadium	0.38	MG/KG	U
MDA P	16-20511	0816-01-0100	0-1 FT	QBT3	Zinc	30.5	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Acenaphthene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Aluminum	8350	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Aniline	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Anthracene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Antimony	0.83	MG/KG	UJ
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Arsenic	1.9	MG/KG	J-
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Azobenzene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Barium	1390	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Beryllium	0.71	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.62	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Cadmium	0.081	MG/KG	J
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Calcium	2380	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chromium	6.7	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Chrysene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Cobalt	4.9	MG/KG	J
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Copper	8.6	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Di-n-butylphthalate	0.13	MG/KG	J
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.26	MG/KG	UJ
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Fluoranthene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Fluorene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	HMX	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Iron	10200	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Isophorone	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Lead	33.3	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Magnesium	1420	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Manganese	259	MG/KG	J+
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Mercury	0.0046	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Naphthalene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nickel	5.4	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.35	MG/KG	UJ
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Phenanthrene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Phenol	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Potassium	1050	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Pyrene	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	RDX	0.46	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Selenium	0.23	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Silver	0.48	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Sodium	58.4	MG/KG	J
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Tetryl	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Thallium	0.18	MG/KG	J
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Vanadium	14.2	MG/KG	
MDA P	16-20513	0816-01-0096	0-1 FT	QBT4	Zinc	35	MG/KG	
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Aluminum	1540	MG/KG	
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Antimony	0.87	MG/KG	UJ
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Arsenic	0.27	MG/KG	UJ
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Barium	36.4	MG/KG	
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Beryllium	0.25	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Cadmium	0.1	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Calcium	402	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chromium	0.92	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Cobalt	0.54	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Copper	2	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	HMX	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Iron	6420	MG/KG	
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Lead	2.4	MG/KG	
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Magnesium	180	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Manganese	226	MG/KG	J+
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Mercury	0.0028	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nickel	1.4	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Potassium	257	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	RDX	0.46	MG/KG	
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Selenium	0.22	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Silver	0.58	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Sodium	12.5	MG/KG	J
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Thallium	0.012	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Vanadium	0.38	MG/KG	U
MDA P	16-20514	0816-01-0103	0-1 FT	QBT3	Zinc	28.5	MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Aluminum	1630	MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Antimony	0.92	MG/KG	UJ
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Arsenic	0.13	MG/KG	UJ
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Barium	163	MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Beryllium	0.41	MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Cadmium	0.08	MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Calcium	691	MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chromium	1.4	MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chromium hexavalent ion	0.47	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Cobalt	1	MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Copper	2.4	MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	HMX	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Iron	7110	MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Lead	2.2	MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Magnesium	279	MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Manganese	232	MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Mercury	0.0032	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nickel	2.3	MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	UJ
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Potassium	272	MG/KG	U

MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Pyrene	0.38		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	RDX	0.87		MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Selenium	0.59		MG/KG	
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Silver	0.59		MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Sodium	70.4		MG/KG	J
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Tetryl	0.29		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Thallium	0.013		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.29		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.29		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Vanadium	0.4		MG/KG	U
MDA P	16-20515	0816-01-0104	0-1 FT	QBT3	Zinc	36.9		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Acenaphthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Acenaphthylene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Aluminum	5590		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Aniline	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Anthracene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Antimony	0.93		MG/KG	UJ
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Arsenic	0.87		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Azobenzene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Barium	31.5		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Benzo(a)anthracene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Benzo(a)pyrene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Benzo(b)fluoranthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Benzo(k)fluoranthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Benzyl Alcohol	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Beryllium	1.9		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Butylbenzylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Cadmium	0.11		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Calcium	1480		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chloroaniline[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chloronaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chlorophenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chromium	3.7		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chromium hexavalent ion	0.47		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Chrysene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Cobalt	1.5		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Copper	5.2		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dibenzofuran	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Diethylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dimethyl Phthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Di-n-butylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Di-n-octylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Fluoranthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Fluorene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Hexachlorobenzene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Hexachlorobutadiene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Hexachloroethane	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	HMX	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Iron	10600		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Isophorone	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Lead	2.6		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Magnesium	916		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Manganese	305		MG/KG	J+
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Mercury	0.021		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Methylnaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Methylphenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Naphthalene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nickel	3.3		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitroaniline[2-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitroaniline[3-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitroaniline[4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrobenzene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrobenzene	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrophenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrophenol[4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrotoluene[2-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrotoluene[3-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Nitrotoluene[4-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Phenanthrene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Phenol	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Potassium	478		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Pyrene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	RDX	0.061		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Selenium	0.7		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Silver	0.07		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Sodium	93.7		MG/KG	J
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Tetryl	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Thallium	0.013		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3		MG/KG	U
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Vanadium	7.1		MG/KG	
MDA P	16-20516	0816-01-0112	0-1 FT	QBT4	Zinc	43.9		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Acenaphthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Acenaphthylene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Acetone	0.066		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aldrin	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aluminum	6650		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Americium-241	0.06	0.055	PCI/G	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.00025		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aniline	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Anthracene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Antimony	0.93		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aroclor-1016	0.039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aroclor-1221	0.039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aroclor-1232	0.039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aroclor-1242	0.039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aroclor-1248	0.039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aroclor-1254	0.039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Aroclor-1260	0.039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Arsenic	0.46		MG/KG	J-
MDA P	16-20516	0816-01-0295	0-1 FT	QBT3	Asbestos	0		PCT	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Azobenzene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Barium	39.1		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzo(a)anthracene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzo(a)pyrene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzo(b)fluoranthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzo(k)fluoranthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Benzyl Alcohol	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Beryllium	1.8		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	BHC[alpha-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	BHC[beta-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	BHC[delta-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	BHC[gamma-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bromobenzene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bromochloromethane	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bromodichloromethane	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bromoform	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bromomethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Butanone[2-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Butylbenzene[n-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Butylbenzene[sec-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Butylbenzene[tert-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Butylbenzylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Cadmium	0.16		MG/KG	J
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Calcium	1470		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Carbon Disulfide	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Carbon Tetrachloride	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Cesium-134	-0.006	0.032	PCI/G	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Cesium-137	-0.046	0.027	PCI/G	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlordane[alpha-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlordane[gamma-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chloroaniline[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlorobenzene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlorodibromomethane	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chloroethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chloroform	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chloromethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chloronaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlorophenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlorotoluene[2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chlorotoluene[4-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chromium	3.6		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chromium hexavalent ion	0.48		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Chrysene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Cobalt	2.1		MG/KG	J
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Cobalt-60	-0.025	0.041	PCI/G	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Copper	6		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT3	Cyanide, Reactive	0.06		MG/KG	UJ
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	D[2,4-]	0.095		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dalapon	0.048		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	DB[2,4-]	0.095		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	DDD[4,4'-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	DDE[4,4'-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	DDT[4,4'-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dibenzofuran	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dibromo-3-Chloropropane[1,2-]	0.012		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dibromoethane[1,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dibromomethane	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dicamba	0.048		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorodifluoromethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloroethane[1,1-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloroethane[1,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloroethene[1,1-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloroethene[cis/trans-1,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloropropane[1,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloropropane[1,3-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloropropane[2,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloropropene[1,1-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloropropene[cis-1,3-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichloropropene[trans-1,3-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dichlorprop	0.095		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dieldrin	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Diethylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dimethyl Phthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Di-n-butylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Di-n-octylphthalate	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Dinoseb	0.03		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Endosulfan I	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Endosulfan II	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Endosulfan Sulfate	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Endrin	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Endrin Aldehyde	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Endrin Ketone	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Ethylbenzene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Europium-152	0.009	0.175	PCI/G	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Fluoranthene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Fluorene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Heptachlor	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Heptachlor Epoxide	0.002		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.9E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Heptachlorodibenzodioxins (Total)	3.9E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.6E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	5.4E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Heptachlorodibenzofurans (Total)	4.6E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorobenzene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorobutadiene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.9E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4.3E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.8E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzodioxins (Total)	3.8E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.1E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.1E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.5E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.3E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachlorodibenzofurans (Total)	3.1E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexachloroethane	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Hexanone[2-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	HMX	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Iodomethane	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Iron	11200		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Isophorone	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Isopropylbenzene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Isopropyltoluene[4-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Lead	2.8		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Magnesium	1070		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Manganese	326		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	MCPA	9.5		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Mercury	0.037		MG/KG	J
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Methoxychlor[4,4'-]	0.0039		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Methyl-2-pentanone[4-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Methylene Chloride	0.044		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Methylnaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Methylphenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Naphthalene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nickel	3.7		MG/KG	J
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitroaniline[2-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitroaniline[3-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitroaniline[4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrobenzene	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrobenzene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrophenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrophenol[4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrotoluene[3-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Nitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.4E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	3.2E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00025		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pentachlorodibenzodioxins (Total)	0.00025		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pentachlorodibenzofuran[1,2,3,7,8-]	6.7E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pentachlorodibenzofuran[2,3,4,7,8-]	6.1E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pentachlorodibenzofurans (Totals)	6.1E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pentaerythritol tetranitrate PETN	0.5		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT3	pH	7.4		NONE	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Phenanthrene	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Phenol	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Potassium	696		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Propylbenzene[1-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Pyrene	1.9		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	RDX	0.12		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Ruthenium-106	0.44	0.25	PCI/G	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Selenium	0.24		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Silver	0.54		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Sodium	157		MG/KG	J
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Styrene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT3	Sulfide, Reactive	5.3		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	T[2,4,5-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetrachlorodibenzodioxin[2,3,7,8-]	3.9E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetrachlorodibenzodioxins (Total)	3.9E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetrachlorodibenzofuran[2,3,7,8-]	6.2E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetrachlorodibenzofurans (Total)	6.2E-05		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetrachloroethane[1,1,1,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetrachloroethane[1,1,2,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetrachloroethene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Tetryl	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Thallium	0.71		MG/KG	J
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Toluene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Toxaphene (Technical Grade)	0.08		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	TP[2,4,5-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichloroethane[1,1,1-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichloroethane[1,1,2-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichloroethene	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichlorofluoromethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichloropropane[1,2,3-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trichlorotrifluoroethane	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trimethylbenzene[1,2,4-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trimethylbenzene[1,3,5-]	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Uranium-234	0.45	0.055	PCI/G	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Uranium-235	0.068	0.0165	PCI/G	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Uranium-238	0.374	0.047	PCI/G	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Vanadium	8.9		MG/KG	
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Vinyl Chloride	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Xylene (Total)	0.006		MG/KG	U
MDA P	16-20516	0816-01-0295	0-1 FT	QBT4	Zinc	44.9		MG/KG	
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Acenaphthene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Acenaphthylene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Acetone	0.05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aldrin	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Americium-241	-0.07	0.08	PCI/G	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aniline	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Anthracene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aroclor-1016	0.039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aroclor-1221	0.039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aroclor-1232	0.039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aroclor-1242	0.039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aroclor-1248	0.039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aroclor-1254	0.039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Aroclor-1260	0.039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT4	Asbestos	0		PCT	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Azobenzene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzo(a)anthracene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzo(a)pyrene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzo(b)fluoranthene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzo(k)fluoranthene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Benzyl Alcohol	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	BHC[alpha-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	BHC[beta-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	BHC[delta-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	BHC[gamma-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bromobenzene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bromochloromethane	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bromodichloromethane	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bromoform	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bromomethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Butanone[2-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Butylbenzene[n-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Butylbenzene[sec-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Butylbenzene[tert-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Butylbenzylphthalate	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Carbon Disulfide	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Carbon Tetrachloride	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Cesium-134	-0.027	0.037	PCI/G	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Cesium-137	-0.021	0.033	PCI/G	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlordane[alpha-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlordane[gamma-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chloroaniline[4-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlorobenzene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlorodibromomethane	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chloroethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chloroform	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chloromethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chloronaphthalene[2-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlorophenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlorotoluene[2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chlorotoluene[4-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Chrysene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Cobalt-60	0.056	0.041	PCI/G	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	D[2,4-]	0.095		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dalapon	0.047		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	DB[2,4-]	0.095		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	DDD[4,4'-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	DDE[4,4'-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	DDT[4,4'-]	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dibenzofuran	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dibromo-3-Chloropropane[1,2-]	0.012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dibromoethane[1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dibromomethane	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dicamba	0.047		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorodifluoromethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloroethane[1,1-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloroethane[1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloroethene[1,1-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloroethene[cis/trans-1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloropropane[1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloropropane[1,3-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloropropane[2,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloropropene[1,1-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloropropene[cis-1,3-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichloropropene[trans-1,3-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dichlorprop	0.095		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dieldrin	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Diethylphthalate	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dimethyl Phthalate	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Di-n-butylphthalate	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Di-n-octylphthalate	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Dinoseb	0.03		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Endosulfan I	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Endosulfan II	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Endosulfan Sulfate	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Endrin	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Endrin Aldehyde	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Endrin Ketone	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Ethylbenzene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Europium-152	-0.11	0.16	PCI/G	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Fluoranthene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Fluorene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Heptachlor	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Heptachlor Epoxide	0.002		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	7.9E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Heptachlorodibenzodioxins (Total)	7.9E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	9.6E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	0.00011		MG/KG	U

MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Heptachlorodibenzofurans (Total)	9.6E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorobenzene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorobutadiene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.9		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	0.00015		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	0.00017		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	0.00015		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzodioxins (Total)	0.00015		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	0.00012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	0.00011		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	0.00013		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	0.00012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachlorodibenzofurans (Total)	0.00011		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexachloroethane	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Hexanone[2-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	HMX	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Iodomethane	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Isophorone	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Isopropylbenzene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Isopropyltoluene[4-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	MCPA	9.5		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Methoxychlor[4,4'-]	0.0039		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Methyl-2-pentanone[4-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Methylene Chloride	0.025		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Methylnaphthalene[2-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Methylphenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Naphthalene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitroaniline[2-]	1.9		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitroaniline[3-]	1.9		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitroaniline[4-]	1.9		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrobenzene	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrobenzene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrophenol[2-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrophenol[4-]	1.9		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrotoluene[3-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Nitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.00016		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00043		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pentachlorodibenzodioxins (Total)	0.00043		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pentachlorodibenzofuran[1,2,3,7,8-]	9.4E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pentachlorodibenzofuran[2,3,4,7,8-]	8.5E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pentachlorodibenzofurans (Totals)	8.5E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pentaerythritol tetranitrate PETN	0.5		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT4	pH	7.4		SU	
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Phenanthrene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Phenol	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Propylbenzene[1-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Pyrene	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	RDX	0.1		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Ruthenium-106	-0.04	0.31	PCI/G	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Styrene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT4	Sulfide, Reactive	5		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	T[2,4,5-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetrachlorodibenzodioxin[2,3,7,8-]	6E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetrachlorodibenzodioxins (Total)	6E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetrachlorodibenzofuran[2,3,7,8-]	7.3E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetrachlorodibenzofurans (Total)	7.3E-05		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetrachloroethane[1,1,1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetrachloroethane[1,1,2,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetrachloroethene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Tetryl	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Toluene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Toxaphene (Technical Grade)	0.079		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	TP[2,4,5-]	0.024		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.39		MG/KG	UJ
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichloroethane[1,1,1-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichloroethane[1,1,2-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichloroethene	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichlorofluoromethane	0.012		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.39		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trichloropropane[1,2,3-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trimethylbenzene[1,2,4-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trimethylbenzene[1,3,5-]	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.25		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Uranium-234	0.51	0.06	PCI/G	
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Uranium-235	0.03	0.0115	PCI/G	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Uranium-238	0.47	0.06	PCI/G	
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Vinyl Chloride	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0297	2-3 FT	QBT3	Xylene (Total)	0.0059		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Aluminum	3350		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Antimony	0.2		MG/KG	UJ
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Arsenic	0.95		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Barium	19.6		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Beryllium	0.56		MG/KG	J-
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Cadmium	0.073		MG/KG	J
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Calcium	766		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Chromium	1.3		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Chromium hexavalent ion	0.4		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Cobalt	1		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Copper	2.5		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Dinitrobenzene[1,3-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Dinitrotoluene[2,4-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Dinitrotoluene[2,6-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	HMX	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Iron	5960		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Magnesium	450		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Manganese	259		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Mercury	0.017		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Nickel	2		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Nitrobenzene	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Nitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Nitrotoluene[3-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Nitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Potassium	352		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	RDX	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Selenium	0.32		MG/KG	J
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Silver	0.14		MG/KG	J
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Sodium	117		MG/KG	J
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Tetryl	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Thallium	0.066		MG/KG	J
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Trinitrobenzene[1,3,5-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Trinitrotoluene[2,4,6-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Vanadium	4		MG/KG	
MDA P	16-20516	0816-01-0335	9.2-29.9 F	QBT3	Zinc	27		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Aluminum	1760		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Antimony	0.2		MG/KG	UJ
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Arsenic	0.85		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Barium	10.6		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Beryllium	0.37		MG/KG	J-
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Cadmium	0.041		MG/KG	J
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Calcium	503		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Chromium	0.66		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Chromium hexavalent ion	0.4		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Cobalt	0.4		MG/KG	J
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Copper	2.1		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Dinitrobenzene[1,3-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Dinitrotoluene[2,4-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Dinitrotoluene[2,6-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	HMX	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Iron	5760		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Magnesium	337		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Manganese	196		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Mercury	0.017		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Nickel	0.89		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Nitrobenzene	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Nitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Nitrotoluene[3-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Nitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Potassium	219		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	RDX	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Selenium	0.27		MG/KG	J
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Silver	0.097		MG/KG	J
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Sodium	99.7		MG/KG	J
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Tetryl	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Thallium	0.062		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08		MG/KG	U
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Vanadium	2.8		MG/KG	
MDA P	16-20516	0816-01-0336	8.8-9.5 FT	QBT3	Zinc	26.1		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Acenaphthene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Acenaphthylene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Aluminum	4060		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Aniline	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Anthracene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Antimony	0.92		MG/KG	UJ
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Arsenic	4.2		MG/KG	J-
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Azobenzene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Barium	40.8		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Benzo(a)anthracene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Benzo(a)pyrene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Benzo(b)fluoranthene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Benzo(k)fluoranthene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Benzyl Alcohol	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Beryllium	0.82		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Butylbenzylphthalate	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Cadmium	0.074		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Calcium	1020		MG/KG	J
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chloroaniline[4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chloronaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chlorophenol[2-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chromium	3.7		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chromium hexavalent ion	0.47		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Chrysene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Cobalt	1.7		MG/KG	J
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Copper	3.7		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dibenzofuran	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Diethylphthalate	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dimethyl Phthalate	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Di-n-butylphthalate	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.29		MG/KG	UJ
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Di-n-octylphthalate	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Fluoranthene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Fluorene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Hexachlorobenzene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Hexachlorobutadiene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Hexachloroethane	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	HMX	0.3		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Iron	9960		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Isophorone	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Lead	3.2		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Magnesium	654		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Manganese	360		MG/KG	J+
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Mercury	0.0037		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Methylnaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Methylphenol[2-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Naphthalene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nickel	4.6		MG/KG	J
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitroaniline[2-]	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitroaniline[3-]	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitroaniline[4-]	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrobenzene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrobenzene	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrophenol[2-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrophenol[4-]	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.39		MG/KG	UJ
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrotoluene[2-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrotoluene[3-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Nitrotoluene[4-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Phenanthrene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Phenol	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Potassium	550		MG/KG	J
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Pyrene	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	RDX	0.46		MG/KG	
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Selenium	0.28		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Silver	0.53		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Sodium	61.3		MG/KG	J
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Tetryl	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Thallium	0.013		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.39		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.29		MG/KG	U
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Vanadium	4.2		MG/KG	J
MDA P	16-20517	0816-01-0099	0-1 FT	QBT4	Zinc	45.7		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Acenaphthene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Acenaphthylene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Aluminum	5770		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Aniline	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Anthracene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Antimony	0.26		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Arsenic	2.9		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Azobenzene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Barium	22.9		MG/KG	J
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Benzo(a)anthracene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Benzo(a)pyrene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Benzo(b)fluoranthene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Benzo(k)fluoranthene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Benzyl Alcohol	0.39		MG/KG	UJ
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Beryllium	1.4		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Butylbenzylphthalate	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Cadmium	0.018		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Calcium	1340		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chloroaniline[4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chloronaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chlorophenol[2-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chromium	4.6		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chromium hexavalent ion	0.48		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Chrysene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Cobalt	3.1		MG/KG	J
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Copper	5.5		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dibenzofuran	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Diethylphthalate	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dimethyl Phthalate	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Di-n-butylphthalate	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Di-n-octylphthalate	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Fluoranthene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Fluorene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Hexachlorobenzene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Hexachlorobutadiene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Hexachloroethane	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	HMX	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Iron	13000		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Isophorone	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Lead	2.6		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Magnesium	1080		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Manganese	305		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Mercury	0.02		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Methylnaphthalene[2-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Methylphenol[2-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Methylphenol[4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Naphthalene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nickel	3.5		MG/KG	J
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitroaniline[2-]	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitroaniline[3-]	1.9		MG/KG	UJ
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitroaniline[4-]	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrobenzene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrobenzene	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrophenol[2-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrophenol[4-]	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrotoluene[2-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrotoluene[3-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Nitrotoluene[4-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Phenanthrene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Phenol	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Potassium	855		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Pyrene	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	RDX	0.091		MG/KG	J
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Selenium	0.29		MG/KG	J
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Silver	0.54		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Sodium	187		MG/KG	J
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Tetryl	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Thallium	0.18		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.39		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3		MG/KG	U
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Vanadium	11.1		MG/KG	
MDA P	16-20518	0816-01-0126	0-1 FT	QBT4	Zinc	60.1		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Acenaphthene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Acenaphthylene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Aluminum	4640		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Aniline	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Anthracene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Antimony	0.44		MG/KG	J
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Arsenic	2.3		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Azobenzene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Barium	29.5		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Benzo(a)anthracene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Benzo(a)pyrene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Benzyl Alcohol	0.4		MG/KG	UJ
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Beryllium	2		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Butylbenzylphthalate	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Cadmium	0.018		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Calcium	1440		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chloroaniline[4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chlorophenol[2-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chromium	4.5		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chromium hexavalent ion	0.49		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Chrysene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Cobalt	2.7		MG/KG	J
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Copper	4.3		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dibenzofuran	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Diethylphthalate	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dimethyl Phthalate	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Di-n-butylphthalate	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Di-n-octylphthalate	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Fluoranthene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Fluorene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Hexachlorobenzene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Hexachlorobutadiene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Hexachloroethane	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	HMX	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Iron	13100		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Isophorone	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Lead	1.9		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Magnesium	1180		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Manganese	344		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Mercury	0.02		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Methylphenol[2-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Methylphenol[4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Naphthalene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nickel	3.9		MG/KG	J
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitroaniline[2-]	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitroaniline[3-]	1.9		MG/KG	UJ
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitroaniline[4-]	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrobenzene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrobenzene	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrophenol[2-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrophenol[4-]	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrotoluene[2-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrotoluene[3-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Nitrotoluene[4-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Phenanthrene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Phenol	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Potassium	989		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Pyrene	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	RDX	0.054		MG/KG	J
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Selenium	0.2		MG/KG	J
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Silver	0.55		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Sodium	266		MG/KG	J
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Tetryl	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Thallium	0.18		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3		MG/KG	U
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Vanadium	10.8		MG/KG	
MDA P	16-20519	0816-01-0158	0-1 FT	QBT4	Zinc	65.1		MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Acenaphthene	0.41		MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Acenaphthylene	0.41		MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Aluminum	2880		MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31		MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31		MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Aniline	0.41		MG/KG	U
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Antimony	0.3	MG/KG	J
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Arsenic	2.4	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Barium	18.1	MG/KG	J
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	UJ
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Beryllium	1.4	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Calcium	1260	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chromium	3	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Cobalt	2.3	MG/KG	J
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Copper	6.5	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Iron	12100	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Lead	2.3	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Magnesium	731	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Manganese	328	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nickel	3.6	MG/KG	J
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Potassium	292	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	RDX	0.085	MG/KG	J
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Selenium	0.36	MG/KG	J
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Sodium	281	MG/KG	J
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Vanadium	8.1	MG/KG	
MDA P	16-20520	0816-01-0123	0-1 FT	QBT4	Zinc	54.4	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Aluminum	4780	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Antimony	0.48	MG/KG	J
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Arsenic	4.9	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Barium	29.8	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	UJ
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Beryllium	1.7	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Calcium	1540	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chromium	3.8	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Cobalt	2.5	MG/KG	J
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Copper	4.5	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Iron	13200	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Lead	3.1	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Magnesium	873	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Manganese	362	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Mercury	0.039	MG/KG	J
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nickel	5.6	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Potassium	280	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	RDX	1.7	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Selenium	0.14	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Silver	0.18	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Sodium	256	MG/KG	J
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Thallium	0.18	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Vanadium	10.3	MG/KG	
MDA P	16-20521	0816-01-0124	0-1 FT	QBT4	Zinc	52.1	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Aluminum	4610	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Antimony	0.35	MG/KG	J
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Arsenic	5	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Barium	29.7	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	UJ
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Beryllium	1.6	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Calcium	1290	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chromium	4.2	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Cobalt	2.5	MG/KG	J
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Copper	4.5	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	HMX	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Iron	12500	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Lead	3	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Magnesium	920	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Manganese	359	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Mercury	0.045	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nickel	5.3	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Potassium	406	MG/KG	J
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	RDX	1.8	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Selenium	0.26	MG/KG	J
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Silver	1.4	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Sodium	261	MG/KG	J
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Thallium	0.18	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Vanadium	10.4	MG/KG	
MDA P	16-20521	0816-01-0125	0-1 FT	QBT4	Zinc	51.3	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Aluminum	2850	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Antimony	0.28	MG/KG	J
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Arsenic	2.3	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Barium	1480	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	UJ
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Beryllium	0.76	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Cadmium	0.018	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Calcium	1160	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chromium	3.8	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Cobalt	2.9	MG/KG	J
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Copper	3.9	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	HMX	0.98	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Iron	10900	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Lead	2.5	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Magnesium	611	MG/KG	J
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Manganese	332	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Mercury	0.02	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nickel	3.9	MG/KG	J
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Potassium	602	MG/KG	J
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	RDX	6.2	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Selenium	0.15	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Silver	0.55	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Sodium	373	MG/KG	J
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Thallium	0.018	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.052	MG/KG	J
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Vanadium	7.6	MG/KG	
MDA P	16-20522	0816-01-0160	0-1 FT	QBT4	Zinc	44.8	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Acenaphthene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Aluminum	3480	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Aniline	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Anthracene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Antimony	0.28	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Arsenic	2.2	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Azobenzene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Barium	285	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Benzyl Alcohol	0.36	MG/KG	UJ
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Beryllium	0.63	MG/KG	J
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Calcium	1170	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chromium	4	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chromium hexavalent ion	0.51	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Chrysene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Cobalt	2.5	MG/KG	J
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Copper	3.9	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Fluoranthene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Fluorene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	HMX	0.33	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Iron	12000	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Isophorone	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Lead	5.7	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Magnesium	660	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Manganese	364	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Naphthalene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nickel	3.5	MG/KG	J
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U

MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	UJ
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrobenzene	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrotoluene[2-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrotoluene[3-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Nitrotoluene[4-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Phenanthrene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Phenol	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Potassium	669	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Pyrene	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	RDX	1.4	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Selenium	0.26	MG/KG	J
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Silver	0.58	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Sodium	334	MG/KG	J
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Tetryl	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.32	MG/KG	U
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Vanadium	8.7	MG/KG	
MDA P	16-20523	0816-01-0165	0-1 FT	QBT4	Zinc	50.3	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Aluminum	3700	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.094	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.071	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Antimony	0.39	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Arsenic	2.5	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Barium	587	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	UJ
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Beryllium	0.71	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Cadmium	0.019	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Calcium	1160	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chromium	4.7	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Cobalt	2.7	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Copper	4.8	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	HMX	0.49	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Iron	11900	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Lead	2.5	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Magnesium	765	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Manganese	396	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Mercury	0.038	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nickel	4.2	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Potassium	526	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	RDX	0.61	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Selenium	0.22	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Silver	0.57	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Sodium	319	MG/KG	J
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Thallium	0.19	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Vanadium	9.1	MG/KG	
MDA P	16-20524	0816-01-0159	0-1 FT	QBT4	Zinc	49.8	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Acenaphthene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Aluminum	5560	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Aniline	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Anthracene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Antimony	0.94	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Arsenic	0.13	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Azobenzene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Barium	1790	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Beryllium	1.1	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Cadmium	0.14	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Calcium	1180	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chloroaniline[4-]	0.4	MG/KG	UJ
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chromium	4.7	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Chrysene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Cobalt	3.6	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Copper	3.8	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Fluoranthene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Fluorene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	HMX	0.61	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Iron	11700	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Isophorone	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Lead	4.3	MG/KG	J+
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Magnesium	1030	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Manganese	307	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Mercury	0.035	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Naphthalene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nickel	3.8	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitroaniline[3-]	1.9	MG/KG	UJ
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Phenanthrene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Phenol	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Potassium	518	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Pyrene	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	RDX	1.9	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Selenium	0.25	MG/KG	J-
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Silver	0.54	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Sodium	214	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Tetryl	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Thallium	0.37	MG/KG	J
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Vanadium	9.5	MG/KG	
MDA P	16-20525	0816-01-0189	0-1 FT	QBT4	Zinc	53.4	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Aluminum	6680	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.16	MG/KG	J
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.17	MG/KG	J
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Antimony	0.3	MG/KG	J
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Arsenic	2.8	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Barium	1800	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	UJ
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Beryllium	1.4	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Cadmium	0.017	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Calcium	958	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chromium	5.7	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Cobalt	3.5	MG/KG	J
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Copper	8.7	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	HMX	1.7	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Iron	12700	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Lead	3.4	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Magnesium	1390	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Manganese	320	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Mercury	0.023	MG/KG	J
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nickel	4.6	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Potassium	781	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	RDX	8.3	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Selenium	0.26	MG/KG	J
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Silver	0.5	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Sodium	248	MG/KG	J
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Thallium	0.17	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.36	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.48	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Vanadium	11.3	MG/KG	
MDA P	16-20526	0816-01-0195	0-1 FT	QBT4	Zinc	52.7	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Aluminum	2030	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.054	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.042	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Antimony	0.24	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Arsenic	2.1	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Barium	30.9	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	UJ
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Beryllium	1.4	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Cadmium	0.017	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Calcium	489	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chromium	1.1	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Cobalt	1.3	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Copper	3.8	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	HMX	0.54	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Iron	8610	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Lead	2	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Magnesium	248	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Manganese	304	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nickel	1.7	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Potassium	348	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	RDX	3.9	MG/KG	
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Selenium	0.23	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Sodium	170	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Thallium	0.17	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.029	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Vanadium	4.4	MG/KG	J
MDA P	16-20526	0816-01-0196	2-3 FT	QBT3	Zinc	35.7	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Acenaphthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Acenaphthylene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Aluminum	3930	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.061	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Aniline	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Antimony	0.79	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Arsenic	0.58	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Azobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Barium	14.7	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Benzo(a)anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Benzo(a)pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Benzo(b)fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Benzo(g,h,i)perylene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Benzo(k)fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Benzoic Acid	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Benzyl Alcohol	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Beryllium	0.97	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Bis(2-chloroethoxy)methane	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Bis(2-chloroethyl)ether	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Bis(2-ethylhexyl)phthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Bromide	0.0753	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Bromophenyl-phenylether[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Butylbenzylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Cadmium	0.72	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Calcium	676	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chloride	15.6	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chloro-3-methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chloroaniline[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chloronaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chlorophenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chlorophenyl-phenyl[4-] Ether	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chromium	2.1	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chromium hexavalent ion	0.054	MG/KG	U

MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Chrysene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Cobalt	1.2	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Copper	7.9	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dibenz(a,h)anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dibenzofuran	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dichlorobenzene[1,2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dichlorobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dichlorobenzene[1,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dichlorobenzidine[3,3'-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dichlorophenol[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Diethylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dimethyl Phthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dimethylphenol[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Di-n-butylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dinitro-2-methylphenol[4,6-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dinitrophenol[2,4-]	1.6	MG/KG	UJ
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Di-n-octylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Fluorene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Fluoride	1.96	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Hexachlorobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Hexachlorobutadiene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Hexachlorocyclopentadiene	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Hexachloroethane	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	HMX	0.5	MG/KG	J-
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Indeno(1,2,3-cd)pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Iron	8890	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Isophorone	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Lead	3	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Magnesium	556	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Manganese	280	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Mercury	0.017	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Methylnaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Methylphenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Naphthalene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nickel	2.9	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitroaniline[2-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitroaniline[3-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitroaniline[4-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrophenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrophenol[4-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrosodimethylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitroso-di-n-propylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrosodiphenylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Oxalate	0.904	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Pentachlorophenol	1.6	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Perchlorate	0.0643	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Phenanthrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Phenol	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Potassium	495	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	RDX	4.8	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Selenium	0.31	MG/KG	J-
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Silver	0.52	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Sodium	99.7	MG/KG	J
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Sulfate	6	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Thallium	0.06	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Trichlorobenzene[1,2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Trichlorophenol[2,4,5-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Trichlorophenol[2,4,6-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Trinitrobenzene[1,3,5-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Vanadium	5.1	MG/KG	
MDA P	16-20526	0816-01-0324	7.3-38.3 F	QBT3	Zinc	41.6	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Acenaphthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Acenaphthylene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Aluminum	4640	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.048	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Aniline	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Antimony	0.79	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Arsenic	0.66	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Azobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Barium	22.1	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Benzo(a)anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Benzo(a)pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Benzo(b)fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Benzo(g,h,i)perylene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Benzo(k)fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Benzoic Acid	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Benzyl Alcohol	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Beryllium	1.3	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Bis(2-chloroethoxy)methane	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Bis(2-chloroethyl)ether	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Bis(2-ethylhexyl)phthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Bromide	0.0763	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Bromophenyl-phenylether[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Butylbenzylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Cadmium	0.18	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Calcium	956	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chloride	12.7	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chloro-3-methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chloroaniline[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chloronaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chlorophenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chlorophenyl-phenyl[4-] Ether	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chromium	3.2	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chromium hexavalent ion	0.054	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Chrysene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Cobalt	1.3	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Copper	8.1	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dibenz(a,h)anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dibenzofuran	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dichlorobenzene[1,2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dichlorobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dichlorobenzene[1,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dichlorobenzidine[3,3'-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dichlorophenol[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Diethylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dimethyl Phthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dimethylphenol[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Di-n-butylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dinitro-2-methylphenol[4,6-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dinitrophenol[2,4-]	1.6	MG/KG	UJ
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Di-n-octylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Fluorene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Fluoride	2.55	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Hexachlorobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Hexachlorobutadiene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Hexachlorocyclopentadiene	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Hexachloroethane	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	HMX	0.55	MG/KG	J-
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Indeno(1,2,3-cd)pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Iron	9330	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Isophorone	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Lead	3.5	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Magnesium	684	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Manganese	315	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Mercury	0.017	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Methylnaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Methylphenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Naphthalene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nickel	4.9	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitroaniline[2-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitroaniline[3-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitroaniline[4-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrophenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrophenol[4-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrosodimethylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitroso-di-n-propylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrosodiphenylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Oxalate	0.481	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Pentachlorophenol	1.6	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Perchlorate	0.122	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Phenanthrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Phenol	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Potassium	598	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	RDX	4.3	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Selenium	0.34	MG/KG	J-
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Silver	0.59	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Sodium	102	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Sulfate	8.27	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Thallium	0.4	MG/KG	J
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Trichlorobenzene[1,2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Trichlorophenol[2,4,5-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Trichlorophenol[2,4,6-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Trinitrobenzene[1,3,5-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Vanadium	5.9	MG/KG	
MDA P	16-20526	0816-01-0325	7.3-28.3 F	QBT3	Zinc	39.8	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Acenaphthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Acenaphthylene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Aluminum	2130	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Aniline	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Antimony	0.79	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Arsenic	0.36	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Azobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Barium	413	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Benzo(a)anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Benzo(a)pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Benzo(b)fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Benzo(g,h,i)perylene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Benzo(k)fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Benzoic Acid	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Benzyl Alcohol	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Beryllium	1.2	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Bis(2-chloroethoxy)methane	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Bis(2-chloroethyl)ether	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Bis(2-ethylhexyl)phthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Bromide	0.0751	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Bromophenyl-phenylether[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Butylbenzylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Cadmium	0.091	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Calcium	399	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chloride	16.2	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chloro-3-methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chloroaniline[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chloronaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chlorophenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chlorophenyl-phenyl[4-] Ether	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chromium	1.6	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chromium hexavalent ion	0.054	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Chrysene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Cobalt	1.8	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Copper	7.8	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dibenz(a,h)anthracene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dibenzofuran	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dichlorobenzene[1,2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dichlorobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dichlorobenzene[1,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dichlorobenzidine[3,3'-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dichlorophenol[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Diethylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dimethyl Phthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dimethylphenol[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Di-n-butylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dinitro-2-methylphenol[4,6-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dinitrophenol[2,4-]	1.6	MG/KG	UJ
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Di-n-octylphthalate	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Fluoranthene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Fluorene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Fluoride	1.6	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Hexachlorobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Hexachlorobutadiene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Hexachlorocyclopentadiene	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Hexachloroethane	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	HMX	0.24	MG/KG	J-
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Indeno(1,2,3-cd)pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Iron	9010	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Isophorone	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Lead	4.7	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Magnesium	391	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Manganese	357	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Mercury	0.017	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Methylnaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Methylphenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Naphthalene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nickel	2.1	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitroaniline[2-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitroaniline[3-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitroaniline[4-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrophenol[2-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrophenol[4-]	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrosodimethylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitroso-di-n-propylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrosodiphenylamine[N-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Oxalate	0.901	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Pentachlorophenol	1.6	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Perchlorate	0.12	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Phenanthrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Phenol	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Potassium	402	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Pyrene	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	RDX	2.8	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Selenium	0.22	MG/KG	J-
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Silver	0.45	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Sodium	105	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Sulfate	1.58	MG/KG	
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Thallium	0.23	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Trichlorobenzene[1,2,4-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Trichlorophenol[2,4,5-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Trichlorophenol[2,4,6-]	0.33	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Trinitrobenzene[1,3,5-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Vanadium	4.6	MG/KG	J
MDA P	16-20526	0816-01-0326	3.5-54.5 F	QBT3	Zinc	41.9	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Aluminum	1800	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Antimony	0.2	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Arsenic	0.6	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Barium	6.3	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Beryllium	0.68	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Cadmium	0.045	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Calcium	419	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Chromium	0.96	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Chromium hexavalent ion	0.1	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Cobalt	0.57	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Copper	1.7	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	HMX	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Iron	10600	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Lead	3	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Magnesium	304	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Manganese	154	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Mercury	0.033	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Nickel	1.1	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Potassium	293	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	RDX	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Selenium	0.17	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Silver	0.059	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Sodium	120	MG/KG	J
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Thallium	0.14	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Trinitrobenzene[1,3,5-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Vanadium	3.8	MG/KG	
MDA P	16-20526	RE16-02-46407	7.2-47.9 F	QBT3	Zinc	41.2	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Aluminum	2950	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Antimony	0.2	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Arsenic	0.81	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Barium	8.2	MG/KG	J
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Beryllium	0.67	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Cadmium	0.043	MG/KG	J
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Calcium	568	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Chromium	1.3	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Chromium hexavalent ion	0.1	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Cobalt	0.87	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Copper	2.6	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	HMX	0.39	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Iron	8390	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Lead	2.1	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Magnesium	423	MG/KG	J
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Manganese	288	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Mercury	0.033	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Nickel	1.8	MG/KG	J
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Potassium	380	MG/KG	J
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	RDX	3.8	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Selenium	0.12	MG/KG	J
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Silver	0.042	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Sodium	110	MG/KG	J
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Thallium	0.064	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Trinitrobenzene[1,3,5-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Vanadium	4.3	MG/KG	
MDA P	16-20526	RE16-02-46410	10.5-11 FT	QBT3	Zinc	39.2	MG/KG	
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Acenaphthene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Aluminum	2070	MG/KG	
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Aniline	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Anthracene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Antimony	0.88	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Arsenic	1.2	MG/KG	
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Azobenzene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Barium	60.5	MG/KG	
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Beryllium	0.44	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Cadmium	0.084	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Calcium	417	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chloroaniline[4-]	0.37	MG/KG	UJ
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chromium	0.94	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Chrysene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Cobalt	0.55	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Copper	1.4	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Fluoranthene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Fluorene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	HMX	0.39	MG/KG	
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Iron	11200	MG/KG	
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Isophorone	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Lead	3.9	MG/KG	J+
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Magnesium	270	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Manganese	158	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Mercury	0.019	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Naphthalene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nickel	1.5	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Phenanthrene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Phenol	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Potassium	262	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Pyrene	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	RDX	1.2	MG/KG	
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Selenium	0.22	MG/KG	UJ
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Silver	0.51	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Sodium	86.8	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Tetryl	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Thallium	0.018	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Vanadium	3.6	MG/KG	J
MDA P	16-20527	0816-01-0191	0-1 FT	QBT4	Zinc	31.4	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Acenaphthene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Aluminum	6330	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Aniline	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Anthracene	0.41	MG/KG	U

MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Antimony	0.98	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Arsenic	0.8	MG/KG	J
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Azobenzene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Barium	84	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Benzoic Acid	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Beryllium	1.6	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Cadmium	0.078	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Calcium	931	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chloroaniline[4-]	0.41	MG/KG	UJ
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chromium	3.8	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chromium hexavalent ion	0.5	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Chrysene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Cobalt	1.6	MG/KG	J
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Copper	3.4	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Fluoranthene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Fluorene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	HMX	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Iron	11200	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Isophorone	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Lead	3.6	MG/KG	J+
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Magnesium	880	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Manganese	313	MG/KG	J
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Mercury	0.021	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Naphthalene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nickel	4.6	MG/KG	J
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitroaniline[3-]	2	MG/KG	UJ
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrobenzene	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrosodiethylamine[N-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrotoluene[2-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrotoluene[3-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Nitrotoluene[4-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Pentachlorophenol	2	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Phenanthrene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Phenol	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Potassium	549	MG/KG	J
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Pyrene	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	RDX	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Selenium	0.5	MG/KG	J-
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Silver	0.56	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Sodium	326	MG/KG	J
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Tetryl	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Thallium	0.06	MG/KG	J
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.31	MG/KG	U
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Vanadium	11.5	MG/KG	
MDA P	16-20528	0816-01-0190	0-1 FT	QBT4	Zinc	50.3	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Acenaphthene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Aluminum	8060	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Aniline	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Anthracene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Antimony	0.25	MG/KG	J
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Arsenic	2.3	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Azobenzene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Barium	116	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Beryllium	0.72	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Cadmium	0.017	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Calcium	2380	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chromium	6.4	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Chrysene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Cobalt	3.6	MG/KG	J
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Copper	3.9	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	UJ
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Fluoranthene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Fluorene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	HMX	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Iron	11100	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Isophorone	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Lead	8.4	MG/KG	J-
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Magnesium	1550	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Manganese	382	MG/KG	J
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Mercury	0.024	MG/KG	J
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Naphthalene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nickel	5.3	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Phenanthrene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Phenol	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Potassium	1040	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Pyrene	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	RDX	0.084	MG/KG	J
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Selenium	0.3	MG/KG	J
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Silver	0.5	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Sodium	93.3	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Thallium	0.017	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Vanadium	13.4	MG/KG	
MDA P	16-20547	0816-01-0133	0-1 FT	ALLH	Zinc	31.7	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Acenaphthene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Aluminum	7400	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Aniline	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Anthracene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Antimony	0.32	MG/KG	J
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Arsenic	2.2	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Azobenzene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Barium	1320	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Beryllium	0.42	MG/KG	J
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.21	MG/KG	J
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Cadmium	0.54	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Calcium	2240	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chromium	5.9	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Chrysene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Cobalt	3.4	MG/KG	J
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Copper	4.5	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Fluoranthene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Fluorene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	HMX	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Iron	9940	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Isophorone	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Lead	9.1	MG/KG	J+
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Magnesium	1370	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Manganese	220	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Mercury	0.036	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Naphthalene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nickel	4.4	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrosodiethylamine[N-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Phenanthrene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Phenol	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Potassium	1120	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Pyrene	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	RDX	0.069	MG/KG	J
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Selenium	0.33	MG/KG	J
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Silver	1.1	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Sodium	61	MG/KG	J
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Thallium	1.1	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Vanadium	14.5	MG/KG	
MDA P	16-20549	0816-01-0215	0-1 FT	ALLH	Zinc	28.1	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Aluminum	2770	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.122	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.0926	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Antimony	0.9	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Arsenic	0.61	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Barium	2110	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Beryllium	0.36	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.12	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Cadmium	1.1	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Calcium	649	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chromium	3.1	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Cobalt	5.8	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Copper	12	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	HMX	5.74	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Iron	7780	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Lead	12.6	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Magnesium	528	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Manganese	202	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nickel	2.8	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Potassium	572	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	RDX	7.37	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Selenium	0.34	MG/KG	J-
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Silver	1.7	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Sodium	98.4	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Thallium	0.14	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.124	MG/KG	
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Vanadium	4.1	MG/KG	J
MDA P	16-20551	0816-01-0306	0-1 FT	QBT3	Zinc	62.2	MG/KG	
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Aluminum	1210	MG/KG	
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Antimony	0.85	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Arsenic	0.2	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Barium	9	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Beryllium	0.29	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Cadmium	0.13	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Calcium	199	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chromium	1.2	MG/KG	
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Cobalt	3	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Copper	0.94	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	HMX	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Iron	7550	MG/KG	
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Lead	2.6	MG/KG	
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Magnesium	280	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Manganese	230	MG/KG	
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U

MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nickel	1.6	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Potassium	252	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	RDX	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Selenium	0.39	MG/KG	J-
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Silver	0.51	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Sodium	111	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Thallium	1.1	MG/KG	
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Vanadium	2.7	MG/KG	J
MDA P	16-20553	0816-01-0300	0-1 FT	QBT3	Zinc	42.3	MG/KG	
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Aluminum	1120	MG/KG	
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Antimony	0.86	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Arsenic	0.13	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Barium	10.2	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Beryllium	0.28	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Cadmium	0.12	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Calcium	217	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chromium	0.97	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Cobalt	8.3	MG/KG	
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Copper	1.3	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	HMX	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Iron	7820	MG/KG	
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Lead	2.7	MG/KG	
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Magnesium	264	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Manganese	253	MG/KG	
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nickel	1.9	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Potassium	290	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	RDX	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Selenium	0.22	MG/KG	UJ
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Silver	0.51	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Sodium	116	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Thallium	0.27	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Vanadium	2.5	MG/KG	J
MDA P	16-20553	0816-01-0301	0-1 FT	QBT3	Zinc	43.6	MG/KG	
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Acenaphthene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Aluminum	1570	MG/KG	
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Aniline	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Anthracene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Antimony	0.24	MG/KG	UJ
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Arsenic	1.6	MG/KG	
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Azobenzene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Barium	8.6	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Beryllium	0.49	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Bromide	0.0328	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Cadmium	0.016	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Calcium	395	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chloride	7.73	MG/KG	
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chromium	0.48	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Chrysene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Cobalt	1.1	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Copper	1.7	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	UJ
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Fluoranthene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Fluorene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Fluoride	1.57	MG/KG	
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	HMX	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Iron	7010	MG/KG	
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Isophorone	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Lead	2.4	MG/KG	J-
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Magnesium	173	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Manganese	286	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Mercury	0.018	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Naphthalene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nickel	0.91	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Oxalate	0.312	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Perchlorate	0.0157	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Phenanthrene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Phenol	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Potassium	253	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Pyrene	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	RDX	0.24	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Selenium	0.13	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Silver	0.49	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Sodium	110	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Sulfate	81.6	MG/KG	
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Tetryl	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Thallium	0.16	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Vanadium	2.7	MG/KG	J
MDA P	16-20554	0816-01-0143	0-1 FT	QBT4	Zinc	31.9	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Acenaphthene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Acenaphthylene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Aluminum	1900	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Aniline	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Anthracene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Antimony	0.24	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Arsenic	1.7	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Azobenzene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Barium	11.2	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Benzo(a)anthracene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Benzo(a)pyrene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Benzo(b)fluoranthene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Benzo(k)fluoranthene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Benzyl Alcohol	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Beryllium	0.62	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Bromide	0.033	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Butylbenzylphthalate	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Cadmium	0.016	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Calcium	461	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chloride	5.75	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chloroaniline[4-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chloronaphthalene[2-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chromium	0.51	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Chrysene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Cobalt	1.1	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Copper	2.1	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dibenzofuran	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Diethylphthalate	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dimethyl Phthalate	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Di-n-butylphthalate	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Di-n-octylphthalate	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Fluoranthene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Fluorene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Fluoride	2.73	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Hexachlorobenzene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Hexachlorobutadiene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Hexachloroethane	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	HMX	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Iron	7390	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Isophorone	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Lead	2.9	MG/KG	J-
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Magnesium	202	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Manganese	270	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Mercury	0.018	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Methylnaphthalene[2-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Naphthalene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nickel	1	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrobenzene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Oxalate	3.68	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Perchlorate	0.0158	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Phenanthrene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Phenol	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Potassium	254	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Pyrene	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	RDX	0.42	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Selenium	0.13	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Silver	0.49	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Sodium	110	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Sulfate	46.7	MG/KG	
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Tetryl	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Thallium	0.16	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.36	MG/KG	UJ
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Vanadium	3.4	MG/KG	J
MDA P	16-20554	0816-01-0144	0-1 FT	QBT4	Zinc	32.9	MG/KG	
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Acenaphthene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Aluminum	1100	MG/KG	
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Aniline	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Anthracene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Antimony	0.24	MG/KG	UJ
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Arsenic	1.8	MG/KG	
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Azobenzene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Barium	7.8	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Beryllium	0.51	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Bromide	0.032	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Cadmium	0.019	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Calcium	379	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chloride	8	MG/KG	
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chromium	0.32	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Chrysene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Cobalt	1.1	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Copper	1.9	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Fluoranthene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Fluorene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Fluoride	0.717	MG/KG	
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	HMX	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Iron	7140	MG/KG	
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Isophorone	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Lead	2.6	MG/KG	J-
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Magnesium	126	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Manganese	256	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Naphthalene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nickel	0.78	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Oxalate	0.304	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Perchlorate	0.00767	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Phenanthrene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Phenol	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Potassium	249	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Pyrene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	RDX	0.093	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Selenium	0.13	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Silver	0.48	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Sodium	136	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Sulfate	157	MG/KG	
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Tetryl	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Thallium	0.16	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Vanadium	2.8	MG/KG	J
MDA P	16-20554	0816-01-0145	2-3 FT	QBT3	Zinc	34.4	MG/KG	
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Acenaphthene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Aluminum	1290	MG/KG	
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Aniline	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Anthracene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Antimony	0.24	MG/KG	UJ
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Arsenic	1.8	MG/KG	
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Azobenzene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Barium	10.3	MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.35	MG/KG	U

MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Benzo(k)fluoranthene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Benzoic Acid	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Benzyl Alcohol	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Beryllium	0.49		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Bromide	0.032		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Butylbenzylphthalate	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Cadmium	0.016		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Calcium	427		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chloride	9.29		MG/KG	
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chloroaniline[4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chloronaphthalene[2-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chlorophenol[2-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chromium	0.41		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chromium hexavalent ion	0.43		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Chrysene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Cobalt	1.2		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Copper	1.8		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dibenzofuran	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Diethylphthalate	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dimethyl Phthalate	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Di-n-butylphthalate	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Di-n-octylphthalate	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Fluoranthene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Fluorene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Fluoride	0.833		MG/KG	
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Hexachlorobenzene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Hexachlorobutadiene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Hexachloroethane	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	HMX	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Iron	7190		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Isophorone	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Lead	3.5		MG/KG	J-
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Magnesium	149		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Manganese	339		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Mercury	0.018		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Methylnaphthalene[2-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Methylphenol[2-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Methylphenol[4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Naphthalene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nickel	0.93		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitroaniline[2-]	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitroaniline[3-]	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitroaniline[4-]	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrobenzene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrobenzene	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrophenol[2-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrophenol[4-]	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrotoluene[2-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrotoluene[3-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Nitrotoluene[4-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Oxalate	0.304		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Pentachlorophenol	1.7		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Perchlorate	0.00767		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Phenanthrene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Phenol	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Potassium	249		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Pyrene	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	RDX	0.097		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Selenium	0.14		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Silver	0.48		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Sodium	139		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Sulfate	161		MG/KG	
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Tetryl	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Thallium	0.16		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.35		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.27		MG/KG	U
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Vanadium	3		MG/KG	J
MDA P	16-20554	0816-01-0146	2-3 FT	QBT3	Zinc	35.2		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Aluminum	792		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Antimony	0.02		MG/KG	UJ
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Arsenic	0.51		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Barium	8.9		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Beryllium	0.43		MG/KG	J-
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Cadmium	0.034		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Calcium	252		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Chromium	0.94		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Chromium hexavalent ion	0.4		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Cobalt	0.35		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Copper	1.9		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Dinitrobenzene[1,3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Dinitrotoluene[2,4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Dinitrotoluene[2,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	HMX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Iron	4130		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Magnesium	92.8		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Manganese	208		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Mercury	0.017		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Nickel	0.86		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Nitrobenzene	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Nitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Nitrotoluene[3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Nitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Potassium	169		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	RDX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Selenium	0.25		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Silver	0.056		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Sodium	114		MG/KG	J
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Tetryl	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Thallium	0.062		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Trinitrobenzene[1,3,5-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Trinitrotoluene[2,4,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Vanadium	2.6		MG/KG	
MDA P	16-20554	0816-01-0337	7.5-48.1 F	QBT3	Zinc	23.3		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Aluminum	2110		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Antimony	0.2		MG/KG	UJ
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Arsenic	0.43		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Barium	17.7		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Beryllium	0.99		MG/KG	J-
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Cadmium	0.11		MG/KG	J
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Calcium	509		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Chromium	1.1		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Chromium hexavalent ion	0.41		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Cobalt	0.7		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Copper	1.6		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Dinitrobenzene[1,3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Dinitrotoluene[2,4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Dinitrotoluene[2,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	HMX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Iron	5430		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Magnesium	313		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Manganese	285		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Mercury	0.017		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Nickel	1.1		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Nitrobenzene	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Nitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Nitrotoluene[3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Nitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Potassium	279		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	RDX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Selenium	0.35		MG/KG	J
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Silver	0.058		MG/KG	J
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Sodium	80.6		MG/KG	J
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Tetryl	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Thallium	0.063		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Trinitrobenzene[1,3,5-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Trinitrotoluene[2,4,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Vanadium	1.9		MG/KG	
MDA P	16-20554	0816-01-0338	6.1-76.8 F	QBT3	Zinc	29.6		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Aluminum	1800		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Antimony	0.2		MG/KG	UJ
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Arsenic	0.64		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Barium	10.2		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Beryllium	0.5		MG/KG	J-
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Cadmium	0.04		MG/KG	J
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Calcium	414		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Chromium	0.81		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Chromium hexavalent ion	0.4		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Cobalt	0.61		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Copper	1.9		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Dinitrobenzene[1,3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Dinitrotoluene[2,4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Dinitrotoluene[2,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	HMX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Iron	6020		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Magnesium	282		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Manganese	211		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Mercury	0.017		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Nickel	0.9		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Nitrobenzene	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Nitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Nitrotoluene[3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Nitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Potassium	231		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	RDX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Selenium	0.24		MG/KG	J
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Silver	0.062		MG/KG	J
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Sodium	117		MG/KG	J
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Tetryl	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Thallium	0.062		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Trinitrobenzene[1,3,5-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Trinitrotoluene[2,4,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Vanadium	2.3		MG/KG	
MDA P	16-20554	0816-01-0339	1.5-42.2 F	QBT3	Zinc	29.3		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Aluminum	2110		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Antimony	0.2		MG/KG	UJ
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Arsenic	0.65		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Barium	10.1		MG/KG	J
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Beryllium	0.97		MG/KG	J-
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Cadmium	0.11		MG/KG	J
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Calcium	400		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Chromium	0.74		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Chromium hexavalent ion	0.4		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Cobalt	0.47		MG/KG	J
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Copper	2.3		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Dinitrobenzene[1,3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Dinitrotoluene[2,4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Dinitrotoluene[2,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	HMX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Iron	5740		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Magnesium	241		MG/KG	J
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Manganese	213		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Mercury	0.017		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Nickel	0.87		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Nitrobenzene	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Nitrotoluene[2-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Nitrotoluene[3-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Nitrotoluene[4-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Potassium	238		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	RDX	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Selenium	0.38		MG/KG	J
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Silver	0.29		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Sodium	104		MG/KG	J
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Tetryl	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Thallium	0.063		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Trinitrobenzene[1,3,5-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Trinitrotoluene[2,4,6-]	0.08		MG/KG	U
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Vanadium	2.8		MG/KG	
MDA P	16-20554	0816-01-0351	9.7-20.3 F	QBT3	Zinc	30		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Aluminum	940		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Antimony	0.2		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Arsenic	0.43		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Barium	10.6		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Beryllium	0.42		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Cadmium	0.05		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Calcium	305		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Chromium	1.3		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Chromium hexavalent ion	0.1		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Cobalt	0.57		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Copper	1.7		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Dinitrobenzene[1,3-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Dinitrotoluene[2,4-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Dinitrotoluene[2,6-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	HMX	0.29		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Iron	7210		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Lead	3.6		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Magnesium	328		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Manganese	364		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Mercury	0.033		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Nickel	0.78		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Nitrobenzene	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Nitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Nitrotoluene[3-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Nitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Potassium	299		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	RDX	2.7		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Selenium	0.14		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Silver	0.073		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Sodium	181		MG/KG	J
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Tetryl	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Thallium	0.088		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Trinitrobenzene[1,3,5-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Trinitrotoluene[2,4,6-]	0.25		MG/KG	U
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Vanadium	2.1		MG/KG	
MDA P	16-20554	RE16-02-46408	5.9-36.5 F	QBT3	Zinc	42.7		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Acenaphthene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Acenaphthylene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Aluminum	3270		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Aniline	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Anthracene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Antimony	0.91		MG/KG	UJ
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Arsenic	0.51		MG/KG	J-
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Azobenzene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Barium	21		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Benzo(a)anthracene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Benzo(a)pyrene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Benzo(b)fluoranthene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Benzo(k)fluoranthene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Benzoic Acid	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Benzyl Alcohol	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Beryllium	0.5		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Butylbenzylphthalate	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Cadmium	0.2		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Calcium	922		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chloroaniline[4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chloronaphthalene[2-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chlorophenol[2-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chromium	3.3		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chromium hexavalent ion	0.47		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Chrysene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Cobalt	1.5		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Copper	2.5		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dibenzofuran	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Diethylphthalate	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dimethyl Phthalate	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Di-n-butylphthalate	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Di-n-octylphthalate	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Fluoranthene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Fluorene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Hexachlorobenzene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Hexachlorobutadiene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Hexachloroethane	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	HMX	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Iron	9870		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Isophorone	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Lead	2.4		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Magnesium	674		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Manganese	411		MG/KG	J+
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Mercury	0.0035		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Methylnaphthalene[2-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Methylphenol[2-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Methylphenol[4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Naphthalene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nickel	2.7		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitroaniline[2-]	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitroaniline[3-]	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitroaniline[4-]	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrobenzene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrobenzene	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrophenol[2-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrophenol[4-]	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.38		MG/KG	UJ
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrotoluene[2-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrotoluene[3-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Nitrotoluene[4-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Pentachlorophenol	1.9		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Phenanthrene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Phenol	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Potassium	453		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Pyrene	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	RDX	0.7		MG/KG	
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Selenium	0.23		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Silver	0.52		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Sodium	116		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Tetryl	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Thallium	0.013		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.38		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.29		MG/KG	U
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Vanadium	3.7		MG/KG	J
MDA P	16-20555	0816-01-0101	0-1 FT	QBT4	Zinc	56.6		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	(+/-)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.6		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Acenaphthene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Acenaphthylene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Acetone	0.11		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aldrin	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aluminum	2680		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Americium-241	-0.15	0.1	PCI/G	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.25		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.25		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aniline	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Anthracene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Antimony	0.85		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aroclor-1016	0.036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aroclor-1221	0.036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aroclor-1232	0.036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aroclor-1242	0.036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aroclor-1248	0.036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aroclor-1254	0.036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Aroclor-1260	0.036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Arsenic	0.84		MG/KG	J
MDA P	16-20557	0816-01-0298	0-1 FT	QBT3	Asbestos	0		PCT	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Azobenzene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Barium	487		MG/KG	J+
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzene	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzo(a)anthracene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzo(a)pyrene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzo(b)fluoranthene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzo(k)fluoranthene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzoic Acid	1.7		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Benzyl Alcohol	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Beryllium	0.49		MG/KG	J
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	BHC[alpha-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	BHC[beta-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	BHC[delta-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	BHC[gamma-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bromobenzene	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bromochloromethane	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bromodichloromethane	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bromoform	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bromomethane	0.011		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Butanone[2-]	0.022		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Butylbenzene[n-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Butylbenzene[sec-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Butylbenzene[tert-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Butylbenzylphthalate	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Cadmium	0.24		MG/KG	J
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Calcium	585		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Carbon Disulfide	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Carbon Tetrachloride	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Cesium-134	-0.033	0.0465	PCI/G	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Cesium-137	-0.024	0.0425	PCI/G	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlordane[alpha-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlordane[gamma-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chloroaniline[4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlorobenzene	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlorodibromomethane	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chloroethane	0.011		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chloroform	0.0016		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chloromethane	0.011		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chloronaphthalene[2-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlorophenol[2-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlorotoluene[2-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chlorotoluene[4-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chromium	1.8		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chromium hexavalent ion	0.43		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Chrysene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Cobalt	2		MG/KG	J
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Cobalt-60	-0.12	0.055	PCI/G	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Copper	2.1		MG/KG	J
MDA P	16-20557	0816-01-0298	0-1 FT	QBT3	Cyanide, Reactive	0.054		MG/KG	UJ
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	D[2,4-]	0.086		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dalapon	0.043		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	DB[2,4-]	0.086		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	DDD[4,4'-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	DDE[4,4'-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	DDT[4,4'-]	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dibenzofuran	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dibromo-3-Chloropropane[1,2-]	0.011		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dibromoethane[1,2-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dibromomethane	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dicamba	0.043		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorodifluoromethane	0.011		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloroethane[1,1-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloroethane[1,2-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloroethene[1,1-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloroethene[cis/trans-1,2-]	0.0054		MG/KG	U

MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloropropane[1,2-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloropropane[1,3-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloropropane[2,2-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloropropene[1,1-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloropropene[cis-1,3-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichloropropene[trans-1,3-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dichlorprop	0.086		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dieldrin	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Diethylphthalate	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dimethyl Phthalate	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Di-n-butylphthalate	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.25		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7		MG/KG	UJ
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.25		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.25		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Di-n-octylphthalate	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Dinoseb	0.027		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Endosulfan I	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Endosulfan II	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Endosulfan Sulfate	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Endrin	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Endrin Aldehyde	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Endrin Ketone	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Ethylbenzene	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Europium-152	0.09	0.205	PCI/G	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Fluoranthene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Fluorene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Heptachlor	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Heptachlor Epoxide	0.0018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.8E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Heptachlorodibenzodioxins (Total)	6.8E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.8E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.9E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Heptachlorodibenzofurans (Total)	5.8E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorobenzene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorobutadiene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	5.7E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	6.4E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	5.6E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzodioxins (Total)	5.6E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	5.8E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	5.7E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	6.5E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	6.1E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachlorodibenzofurans (Total)	5.7E-05		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexachloroethane	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Hexanone[2-]	0.022		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	HMX	0.29		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Iodomethane	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Iron	7930		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Isophorone	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Isopropylbenzene	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Isopropyltoluene[4-]	0.0054		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Lead	3.8		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Magnesium	301		MG/KG	J
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Manganese	211		MG/KG	
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	MCPA	8.6		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Mercury	0.018		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Methoxychlor[4,4'-]	0.0036		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Methyl-2-pentanone[4-]	0.022		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Methylene Chloride	0.0042		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Methylnaphthalene[2-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Methylphenol[2-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Methylphenol[4-]	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Naphthalene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Nickel	3.7		MG/KG	J
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Nitroaniline[2-]	1.7		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Nitroaniline[3-]	1.7		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Nitroaniline[4-]	1.7		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Nitrobenzene	0.36		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Nitrobenzene	0.25		MG/KG	U
MDA P	16-20557	0816-01-0298	0-1 FT	QBT4	Nitrophenol[2-]	0.36		MG/KG	U

MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Chromium hexavalent ion	0.054	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Chrysene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Cobalt	1.5	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Copper	2.7	MG/KG	
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dibenz(a,h)anthracene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dibenzofuran	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dichlorobenzene[1,2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dichlorobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dichlorobenzene[1,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dichlorobenzidine[3,3'-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dichlorophenol[2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Diethylphthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dimethyl Phthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dimethylphenol[2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Di-n-butylphthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dinitro-2-methylphenol[4,6-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dinitrophenol[2,4-]	1.6	MG/KG	UJ
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Di-n-octylphthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Fluoranthene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Fluorene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Fluoride	0.914	MG/KG	
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Hexachlorobenzene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Hexachlorobutadiene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Hexachlorocyclopentadiene	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Hexachloroethane	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	HMX	0.25	MG/KG	UJ
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Indeno(1,2,3-cd)pyrene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Iron	7340	MG/KG	
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Isophorone	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Lead	3.9	MG/KG	
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Magnesium	273	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Manganese	233	MG/KG	
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Mercury	0.017	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Methylnaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Methylphenol[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Naphthalene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nickel	1.4	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitroaniline[2-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitroaniline[3-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitroaniline[4-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrophenol[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrophenol[4-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrosodimethylamine[N-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitroso-di-n-propylamine[N-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrosodiphenylamine[N-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Oxalate	1.3	MG/KG	
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Pentachlorophenol	1.6	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Perchlorate	0.0576	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Phenanthrene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Phenol	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Potassium	350	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Pyrene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	RDX	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Selenium	0.2	MG/KG	UJ
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Silver	0.45	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Sodium	131	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Sulfate	2.44	MG/KG	
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Thallium	0.099	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Trichlorobenzene[1,2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Trichlorophenol[2,4,5-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Trichlorophenol[2,4,6-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Trinitrobenzene[1,3,5-]	0.14	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Vanadium	3.1	MG/KG	J
MDA P	16-20557	0816-01-0333	6.7-37.4 F	QBT3	Zinc	38.2	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Acenaphthene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Acenaphthylene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Aluminum	718	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Aniline	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Anthracene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Antimony	0.79	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Arsenic	0.2	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Azobenzene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Barium	773	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Benzo(a)anthracene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Benzo(a)pyrene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Benzo(b)fluoranthene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Benzo(g,h,i)perylene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Benzo(k)fluoranthene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Benzoic Acid	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Benzyl Alcohol	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Beryllium	0.86	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Bis(2-chloroethoxy)methane	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Bis(2-chloroethyl)ether	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Bis(2-ethylhexyl)phthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Bromide	0.0752	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Bromophenyl-phenylether[4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Butylbenzylphthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Cadmium	0.064	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Calcium	239	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chloride	47.4	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chloro-3-methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chloroaniline[4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chloronaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chlorophenol[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chlorophenyl-phenyl[4-] Ether	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chromium	0.68	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chromium hexavalent ion	0.054	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Chrysene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Cobalt	1.9	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Copper	2.6	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dibenz(a,h)anthracene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dibenzofuran	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dichlorobenzene[1,2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dichlorobenzene[1,3-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dichlorobenzene[1,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dichlorobenzidine[3,3'-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dichlorophenol[2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Diethylphthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dimethyl Phthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dimethylphenol[2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Di-n-butylphthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dinitro-2-methylphenol[4,6-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dinitrophenol[2,4-]	1.6	MG/KG	UJ
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dinitrotoluene[2,4-]	0.053	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dinitrotoluene[2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Dinitrotoluene[2,6-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Di-n-octylphthalate	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Fluoranthene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Fluorene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Fluoride	0.971	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Hexachlorobenzene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Hexachlorobutadiene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Hexachlorocyclopentadiene	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Hexachloroethane	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	HMX	0.25	MG/KG	UJ
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Indeno(1,2,3-cd)pyrene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Iron	7070	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Isophorone	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Lead	4	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Magnesium	189	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Manganese	259	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Mercury	0.017	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Methylnaphthalene[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Methylphenol[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Methylphenol[4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Naphthalene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nickel	1.3	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitroaniline[2-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitroaniline[3-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitroaniline[4-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrobenzene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrophenol[2-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrophenol[4-]	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrosodimethylamine[N-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitroso-di-n-propylamine[N-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrosodiphenylamine[N-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Oxalate	0.308	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Pentachlorophenol	1.6	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Perchlorate	0.12	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Phenanthrene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Phenol	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Potassium	291	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Pyrene	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	RDX	2.5	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Selenium	0.21	MG/KG	J-
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Silver	0.45	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Sodium	143	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Sulfate	0.437	MG/KG	
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Thallium	0.053	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Trichlorobenzene[1,2,4-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Trichlorophenol[2,4,5-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Trichlorophenol[2,4,6-]	0.33	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Trinitrobenzene[1,3,5-]	0.088	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Trinitrotoluene[2,4,6-]	0.041	MG/KG	J
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Vanadium	2	MG/KG	U
MDA P	16-20557	0816-01-0334	1.7-12.6 F	QBT3	Zinc	38.9	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Aluminum	1380	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Antimony	0.2	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Arsenic	0.71	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Barium	5.2	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Beryllium	0.75	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Cadmium	0.044	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Calcium	578	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Chromium	0.85	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Chromium hexavalent ion	0.1	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Cobalt	0.71	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Copper	3.3	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Dinitrobenzene[1,3-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Dinitrotoluene[2,4-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Dinitrotoluene[2,6-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	HMX	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Iron	7390	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Lead	2.7	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Magnesium	302	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Manganese	301	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Mercury	0.033	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Nickel	1.3	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Nitrobenzene	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Nitrotoluene[2-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Nitrotoluene[3-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Nitrotoluene[4-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Potassium	204	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	RDX	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Selenium	0.17	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Silver	0.04	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Sodium	219	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Tetryl	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Thallium	0.089	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Trinitrobenzene[1,3,5-]	0.2	MG/KG	J
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Trinitrotoluene[2,4,6-]	0.25	MG/KG	U
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Vanadium	3.4	MG/KG	
MDA P	16-20557	RE16-02-46409	47-47.5 FT	QBT3	Zinc	36.8	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Aluminum	2780	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Antimony	0.88	MG/KG	UJ
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Arsenic	0.14	MG/KG	J-
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Barium	489	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Beryllium	0.47	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.11	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Cadmium	0.1	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Calcium	519	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chromium	1.6	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Cobalt	1.6	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Copper	1.8	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	HMX	0.33	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Iron	7960	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Lead	2.3	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Magnesium	415	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Manganese	333	MG/KG	J+
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Mercury	0.0031	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nickel	3.1	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	UJ
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Potassium	267	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	RDX	1.9	MG/KG	
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Selenium	0.54	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Sodium	68.3	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Thallium	0.012	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Vanadium	1.3	MG/KG	J
MDA P	16-20558	0816-01-0102	0-1 FT	QBT3	Zinc	36.2	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Acenaphthene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Acenaphthylene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Aluminum	6000	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Aniline	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Anthracene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Antimony	0.26	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Arsenic	2.2	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Azobenzene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Barium	315	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Benzo(a)anthracene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Benzo(a)pyrene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Benzo(b)fluoranthene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Benzo(k)fluoranthene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Benzyl Alcohol	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Beryllium	0.95	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Butylbenzylphthalate	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Cadmium	0.018	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Calcium	1130	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chloroaniline[4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chloronaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chlorophenol[2-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chromium	5.1	MG/KG	J
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Chrysene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Cobalt	2.7	MG/KG	J
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Copper	3.5	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dibenzofuran	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Diethylphthalate	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dimethyl Phthalate	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Di-n-butylphthalate	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Di-n-octylphthalate	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Fluoranthene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Fluorene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Hexachlorobenzene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Hexachlorobutadiene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Hexachloroethane	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	HMX	0.36	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Iron	11300	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Isophorone	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Lead	3.4	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Magnesium	1120	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Manganese	350	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Mercury	0.048	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Methylnaphthalene[2-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Methylphenol[2-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Methylphenol[4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Naphthalene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nickel	4.1	MG/KG	J
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrobenzene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrophenol[2-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Phenanthrene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Phenol	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Potassium	734	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Pyrene	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	RDX	2.7	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Selenium	0.17	MG/KG	J
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Silver	0.54	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Sodium	207	MG/KG	J
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Tetryl	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Thallium	0.18	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.4	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Vanadium	9.4	MG/KG	
MDA P	16-20559	0816-01-0118	0-1 FT	QBT3	Zinc	52.1	MG/KG	
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Aluminum	1700	MG/KG	
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Antimony	0.24	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Arsenic	1.8	MG/KG	
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Barium	14	MG/KG	J
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Beryllium	0.89	MG/KG	
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Cadmium	0.017	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Calcium	505	MG/KG	J
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chromium	0.67	MG/KG	J
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Cobalt	1.2	MG/KG	J
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Copper	2	MG/KG	J
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20559	0816-01-0119	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U

MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Potassium	482	MG/KG	J
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	RDX	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Selenium	0.18	MG/KG	J
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Sodium	120	MG/KG	J
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Thallium	0.17	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Vanadium	8	MG/KG	
MDA P	16-20584	0816-01-0131	0-1 FT	QBT3	Zinc	37.6	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Aluminum	4060	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Antimony	0.25	MG/KG	UJ
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Arsenic	1.5	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Barium	68.9	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Beryllium	0.47	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Cadmium	0.017	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Calcium	500	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chromium	2.1	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Cobalt	1.5	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Copper	1.7	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	UJ
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	HMX	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Iron	7360	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Lead	3.2	MG/KG	J-
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Magnesium	564	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Manganese	112	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nickel	1.9	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Potassium	363	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	RDX	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Selenium	0.14	MG/KG	J
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Sodium	24.5	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Thallium	0.17	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Vanadium	6.1	MG/KG	
MDA P	16-20585	0816-01-0132	0-1 FT	QBT3	Zinc	28.4	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Aluminum	4020	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.096	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Antimony	1.1	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Arsenic	1.6	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Barium	336	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Beryllium	0.71	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Cadmium	0.55	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Calcium	572	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chromium	2.4	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Cobalt	1.7	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Copper	5.1	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	HMX	0.46	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Iron	7740	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Lead	5	MG/KG	J+
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Magnesium	634	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Manganese	210	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Mercury	0.037	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nickel	2.1	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrosodiethylamine[N-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Potassium	506	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	RDX	0.11	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Selenium	0.55	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Silver	1.1	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Sodium	34.1	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Thallium	1.1	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.078	MG/KG	J
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Vanadium	5.8	MG/KG	
MDA P	16-20586	0816-01-0208	0-1 FT	QBT3	Zinc	38.6	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Aluminum	1030	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Antimony	0.89	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Arsenic	0.17	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Barium	14.2	MG/KG	J+
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Beryllium	0.26	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Cadmium	0.46	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Calcium	337	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chromium	1.6	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Cobalt	2.2	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Copper	1.8	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	HMX	0.476	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Iron	5310	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Lead	2.4	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Magnesium	164	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Manganese	207	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nickel	3.5	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Potassium	267	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	RDX	2.13	MG/KG	
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Selenium	0.23	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Sodium	119	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Thallium	0.013	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Vanadium	1.6	MG/KG	J
MDA P	16-20590	0816-01-0316	0-1 FT	QBT3	Zinc	34	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Aluminum	1260	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Antimony	0.9	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Arsenic	0.12	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Barium	7.5	MG/KG	J+
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Beryllium	0.46	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Cadmium	0.12	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Calcium	324	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chromium	1.7	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Cobalt	2	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Copper	1.7	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	HMX	0.327	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Iron	6620	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Lead	2.7	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Magnesium	224	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Manganese	221	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nickel	2	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Potassium	293	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	RDX	2.26	MG/KG	
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Selenium	0.23	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Sodium	127	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Thallium	0.013	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Vanadium	2.3	MG/KG	J
MDA P	16-20590	0816-01-0317	2-3 FT	QBT3	Zinc	41.2	MG/KG	
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Aluminum	885	MG/KG	
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Antimony	0.87	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Arsenic	0.18	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Barium	25.7	MG/KG	J+
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Beryllium	0.29	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Cadmium	0.11	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Calcium	263	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chromium	1.1	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Cobalt	2.4	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Copper	1.9	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U

MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	HMX	0.243	MG/KG	
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Iron	6580	MG/KG	
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Lead	3.2	MG/KG	
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Magnesium	129	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Manganese	369	MG/KG	
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nickel	1.9	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Potassium	257	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	RDX	2.12	MG/KG	
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Selenium	0.22	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Sodium	92.8	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Thallium	0.012	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Vanadium	1.1	MG/KG	J
MDA P	16-20591	0816-01-0318	0-1 FT	QBT3	Zinc	44.4	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Aluminum	16800	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.439	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.524	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Antimony	0.88	MG/KG	UJ
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Arsenic	2.7	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Barium	2430	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Beryllium	1.3	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Cadmium	0.12	MG/KG	J
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Calcium	2800	MG/KG	J
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Chromium	10.8	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Cobalt	8.2	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Copper	17.4	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	HMX	2.3	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Iron	14800	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Lead	26.5	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Magnesium	2190	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Manganese	182	MG/KG	J-
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Mercury	0.059	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nickel	9.3	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Potassium	1240	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	RDX	10.8	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Selenium	0.22	MG/KG	UJ
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Silver	1.2	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Sodium	202	MG/KG	J
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Thallium	1.3	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.129	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Vanadium	24.7	MG/KG	
MDA P	16-20592	0816-01-0248	0-1 FT	QBT3	Zinc	46.5	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Acenaphthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Aluminum	1980	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Aniline	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Anthracene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Antimony	0.83	MG/KG	UJ
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Arsenic	0.33	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Azobenzene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Barium	74.7	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Beryllium	0.37	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Cadmium	0.066	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Calcium	437	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Chromium	1.5	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Chrysene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Cobalt	1.8	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Copper	2.2	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Fluoranthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Fluorene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	HMX	0.393	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Iron	8100	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Isophorone	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Lead	3.5	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Magnesium	284	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Manganese	319	MG/KG	J-
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Naphthalene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nickel	1.9	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Phenanthrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Phenol	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Potassium	254	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Pyrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	RDX	0.881	MG/KG	
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Selenium	0.42	MG/KG	J-
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Silver	0.55	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Sodium	135	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Thallium	0.063	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Vanadium	3.1	MG/KG	J
MDA P	16-20595	0816-01-0263	0-1 FT	QBT3	Zinc	44.8	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Acenaphthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Aluminum	1850	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Aniline	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Anthracene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Antimony	0.84	MG/KG	UJ
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Arsenic	0.22	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Azobenzene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Barium	69.5	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Beryllium	0.37	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Cadmium	0.067	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Calcium	401	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Chromium	1.6	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Chrysene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Cobalt	1.8	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Copper	1.8	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Fluoranthene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Fluorene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	HMX	0.752	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Iron	7920	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Isophorone	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Lead	3.9	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Magnesium	282	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Manganese	377	MG/KG	J-
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Naphthalene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nickel	1.9	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Phenanthrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Phenol	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Potassium	287	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Pyrene	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	RDX	1.5	MG/KG	
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Selenium	0.36	MG/KG	J-
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Silver	0.48	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Sodium	124	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Thallium	0.067	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Vanadium	3.1	MG/KG	J
MDA P	16-20595	0816-01-0264	0-1 FT	QBT3	Zinc	44.7	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Acenaphthene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Aluminum	1430	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Aniline	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Anthracene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Antimony	0.83	MG/KG	UJ
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Arsenic	0.34	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Azobenzene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Barium	41	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Beryllium	0.36	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Cadmium	0.066	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Calcium	249	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Chromium	1.2	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Chrysene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Cobalt	1.8	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Copper	2.4	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Fluoranthene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Fluorene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	HMX	0.272	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Iron	6860	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Isophorone	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Lead	2.6	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Magnesium	201	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Manganese	255	MG/KG	J-
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Naphthalene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nickel	1.4	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Phenanthrene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Phenol	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Potassium	341	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Pyrene	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	RDX	1.14	MG/KG	
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Selenium	0.3	MG/KG	J-
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Silver	0.48	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Sodium	151	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Thallium	0.062	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Vanadium	1.9	MG/KG	J
MDA P	16-20596	0816-01-0259	0-1 FT	QBT3	Zinc	39.6	MG/KG	
MDA P	16-20596	0816-01-0260	0-1 FT	QBT3	Acenaphthene	0.35	MG/KG	U

MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Hexachlorobutadiene	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Hexachloroethane	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	HMX	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Iron	10700	MG/KG	
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Isophorone	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Lead	8.3	MG/KG	J-
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Magnesium	1430	MG/KG	
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Manganese	374	MG/KG	J
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Mercury	0.021	MG/KG	J
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Methylnaphthalene[2-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Methylphenol[2-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Methylphenol[4-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Naphthalene	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nickel	5	MG/KG	
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrobenzene	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrophenol[2-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Pentachlorophenol	1.7	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Phenanthrene	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Phenol	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Potassium	1270	MG/KG	
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Pyrene	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	RDX	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Selenium	0.3	MG/KG	J
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Silver	0.48	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Sodium	79.9	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Thallium	0.16	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.36	MG/KG	UJ
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Vanadium	13.9	MG/KG	
MDA P	16-20619	0816-01-0135	0-1 FT	ALLH	Zinc	28.8	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Acenaphthene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Aluminum	10400	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Aniline	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Anthracene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Antimony	0.46	MG/KG	J
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Arsenic	2.5	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Azobenzene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Barium	159	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Beryllium	0.76	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Cadmium	0.59	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Calcium	2450	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chromium	8.2	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chromium hexavalent ion	0.47	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Chrysene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Cobalt	6.4	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Copper	5.8	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Fluoranthene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Fluorene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	HMX	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Iron	13400	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Isophorone	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Lead	10	MG/KG	J+
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Magnesium	2090	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Manganese	592	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Mercury	0.039	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Naphthalene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nickel	7.4	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrosodiethylamine[N-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Phenanthrene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Phenol	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Potassium	1610	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Pyrene	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	RDX	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Selenium	0.2	MG/KG	J
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Silver	1.2	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Sodium	75.7	MG/KG	J
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Tetryl	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Thallium	1.2	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Vanadium	22.2	MG/KG	
MDA P	16-20622	0816-01-0211	0-1 FT	QBT3	Zinc	35.2	MG/KG	
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Aluminum	2140	MG/KG	
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Antimony	0.9	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Arsenic	0.75	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Barium	6.1	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Beryllium	0.41	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Cadmium	0.83	MG/KG	
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Calcium	300	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chromium	1.2	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Cobalt	1.4	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Copper	2	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	HMX	0.292	MG/KG	
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Iron	7160	MG/KG	
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Lead	1.9	MG/KG	
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Magnesium	227	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Manganese	204	MG/KG	J-
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nickel	2.7	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Potassium	266	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	RDX	0.136	MG/KG	
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Selenium	0.25	MG/KG	J-
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Sodium	79.5	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Thallium	0.36	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Vanadium	2.6	MG/KG	J
MDA P	16-20624	0816-01-0322	0-1 FT	QBT3	Zinc	37.1	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Acenaphthene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Acenaphthylene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Aluminum	2270	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Aniline	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Anthracene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Antimony	0.96	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Arsenic	1.1	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Azobenzene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Barium	20	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Benzo(a)anthracene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Benzo(a)pyrene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Benzo(b)fluoranthene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Benzo(k)fluoranthene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Benzoic Acid	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Benzyl Alcohol	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Beryllium	0.6	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Bromide	0.479	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Butylbenzylphthalate	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Cadmium	1.1	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Calcium	466	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chloride	14.8	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chloroaniline[4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chloronaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chlorophenol[2-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chromium	2.8	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chromium hexavalent ion	0.49	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Chrysene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Cobalt	30.2	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Copper	2.2	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dibenzofuran	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Diethylphthalate	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dimethyl Phthalate	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Di-n-butylphthalate	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dinitrophenol[2,4-]	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Di-n-octylphthalate	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Fluoranthene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Fluorene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Fluoride	0.433	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Hexachlorobenzene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Hexachlorobutadiene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Hexachlorocyclopentadiene	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Hexachloroethane	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	HMX	0.131	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Iron	7110	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Isophorone	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Lead	2.6	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Magnesium	292	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Manganese	169	MG/KG	J-
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Mercury	0.021	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Methylnaphthalene[2-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Methylphenol[2-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Methylphenol[4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Naphthalene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nickel	3.2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitroaniline[2-]	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitroaniline[3-]	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitroaniline[4-]	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrobenzene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrophenol[2-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrophenol[4-]	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Oxalate	1.03	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Pentachlorophenol	2	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Perchlorate	0.0687	MG/KG	UJ
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Phenanthrene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Phenol	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Potassium	286	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Pyrene	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	RDX	0.44	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Selenium	0.3	MG/KG	J-
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Silver	0.55	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Sodium	85.8	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Sulfate	194	MG/KG	
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Thallium	1.2	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.41	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Vanadium	4	MG/KG	J
MDA P	16-20625	0816-01-0320	0-1 FT	QBT3	Zinc	39.9	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Aluminum	2900	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Antimony	0.9	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Arsenic	0.85	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Barium	12.2	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Beryllium	0.72	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Bromide	0.618	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Cadmium	3.6	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Calcium	573	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chloride	15.9	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chromium	1.7	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Cobalt	2.1	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Copper	2	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Fluoride	0.44	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	HMX	0.239	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Iron	7480	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Lead	2.2	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Magnesium	285	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Manganese	201	MG/KG	J-
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nickel	2.9	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Oxalate	1.04	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Perchlorate	0.069	MG/KG	UJ
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Potassium	292	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	RDX	1.03	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Sodium	108	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Sulfate	188	MG/KG	
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Thallium	0.53	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Vanadium	2.7	MG/KG	J
MDA P	16-20625	0816-01-0321	2-3 FT	QBT3	Zinc	46.2	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Aluminum	3720	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Aniline	0.37	MG/KG	U

MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Antimony	0.89	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Arsenic	0.53	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Barium	26.3	MG/KG	J+
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Beryllium	0.9	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Cadmium	0.071	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Calcium	463	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chromium	2.3	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Cobalt	0.99	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Copper	2.7	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	HMX	0.692	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Iron	7670	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Lead	2.3	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Magnesium	370	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Manganese	193	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nickel	1.7	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Potassium	426	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	RDX	0.574	MG/KG	
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Selenium	0.24	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Sodium	63.7	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Thallium	0.028	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Vanadium	3.1	MG/KG	J
MDA P	16-20626	0816-01-0312	0-1 FT	QBT3	Zinc	38.2	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Acenaphthene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Aluminum	8370	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.0908	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.0818	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Aniline	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Anthracene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Antimony	1.4	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Arsenic	2.4	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Azobenzene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Barium	1430	MG/KG	J+
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Beryllium	0.75	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Cadmium	0.16	MG/KG	J
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Calcium	4420	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chromium	8.1	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Chrysene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Cobalt	6.5	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Copper	34	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Fluoranthene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Fluorene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	HMX	2.98	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Iron	11600	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Isophorone	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Lead	38.9	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Magnesium	1540	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Manganese	309	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Mercury	0.22	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Naphthalene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nickel	12.5	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Phenanthrene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Phenol	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Potassium	1060	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Pyrene	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	RDX	1.99	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Selenium	0.21	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Silver	1.8	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Sodium	166	MG/KG	J
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Thallium	0.12	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Vanadium	20.3	MG/KG	
MDA P	16-20628	0816-01-0332	0-1 FT	QBT3	Zinc	118	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Aluminum	4390	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Antimony	0.91	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Arsenic	0.81	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Barium	408	MG/KG	J+
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Beryllium	0.45	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Cadmium	0.094	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Calcium	510	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chromium	1.9	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Cobalt	10.5	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Copper	2.5	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	HMX	0.841	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Iron	8530	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Lead	4.1	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Magnesium	461	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Manganese	212	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nickel	4	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Potassium	270	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	RDX	1.56	MG/KG	
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Selenium	0.23	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Sodium	110	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Thallium	0.036	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Vanadium	5	MG/KG	J
MDA P	16-20629	0816-01-0319	0-1 FT	QBT3	Zinc	37.8	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Aluminum	7010	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.157	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.177	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Antimony	0.85	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Arsenic	2.2	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Barium	2120	MG/KG	J+
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Beryllium	0.7	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.1	MG/KG	J
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Cadmium	0.092	MG/KG	J
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Calcium	1900	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chromium	5.7	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Cobalt	6.6	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Copper	15.2	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	HMX	1.63	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Iron	10600	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Lead	21.3	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Magnesium	1150	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Manganese	250	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Mercury	0.091	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nickel	6.5	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Potassium	777	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	RDX	3.46	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Selenium	0.21	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Silver	0.49	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Sodium	85.5	MG/KG	J
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Thallium	0.09	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Vanadium	16.9	MG/KG	
MDA P	16-20630	0816-01-0330	0-1 FT	QBT3	Zinc	57.9	MG/KG	
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Aluminum	1320	MG/KG	
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Antimony	0.88	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Arsenic	0.12	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Barium	41	MG/KG	J+
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Beryllium	0.4	MG/KG	J
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Cadmium	0.07	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Calcium	211	MG/KG	J
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chromium	1	MG/KG	J
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Cobalt	1.5	MG/KG	J
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Copper	1.2	MG/KG	J
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	HMX	0.512	MG/KG	
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Iron	7520	MG/KG	
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Lead	1.5	MG/KG	
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Magnesium	157	MG/KG	J
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Manganese	164	MG/KG	
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20632	0816-01-0308	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U

MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Chromium	7.9	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Chrysene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Cobalt	4.2	MG/KG	J
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Copper	4	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Fluoranthene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Fluorene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	HMX	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Iron	11700	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Isophorone	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Lead	9.6	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Magnesium	1490	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Manganese	287	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Mercury	0.035	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Naphthalene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nickel	7.2	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Phenanthrene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Phenol	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Potassium	1920	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Pyrene	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	RDX	0.21	MG/KG	J
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Selenium	0.22	MG/KG	UJ
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Silver	0.5	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Sodium	108	MG/KG	J
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Thallium	0.14	MG/KG	J+
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Vanadium	17.8	MG/KG	
MDA P	16-20654	0816-01-0085	2-3 FT	ALLH	Zinc	27.7	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Acenaphthene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Aluminum	9190	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Aniline	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Anthracene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Antimony	1.2	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Arsenic	2.3	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Azobenzene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Barium	231	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Beryllium	0.86	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Cadmium	0.59	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Calcium	2360	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chromium	7.6	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chromium hexavalent ion	0.48	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Chrysene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Cobalt	4.1	MG/KG	J
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Copper	6.1	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Fluoranthene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Fluorene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	HMX	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Iron	11100	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Isophorone	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Lead	8.9	MG/KG	J+
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Magnesium	1580	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Manganese	342	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Mercury	0.04	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Naphthalene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nickel	5.8	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrosodiethylamine[N-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Phenanthrene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Phenol	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Potassium	1640	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Pyrene	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	RDX	0.091	MG/KG	J
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Selenium	0.21	MG/KG	J
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Silver	1.2	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Sodium	50.3	MG/KG	J
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Tetryl	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Thallium	0.39	MG/KG	J
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Vanadium	15	MG/KG	
MDA P	16-20658	0816-01-0209	0-1 FT	QBT3	Zinc	30.4	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Aluminum	9910	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Antimony	0.36	MG/KG	J
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Arsenic	2.3	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Barium	140	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	UJ
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Beryllium	0.81	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Cadmium	0.017	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Calcium	1860	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chromium	6.5	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Cobalt	4.7	MG/KG	J
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Copper	6.4	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	HMX	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Iron	12800	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Lead	6.8	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Magnesium	1460	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Manganese	555	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nickel	5.5	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	UJ
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Potassium	1440	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	RDX	0.11	MG/KG	J
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Selenium	0.25	MG/KG	J
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Sodium	214	MG/KG	J
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Tetryl	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Thallium	0.17	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Vanadium	15.1	MG/KG	
MDA P	16-20660	0816-01-0193	0-1 FT	QBT3	Zinc	33.6	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Aluminum	6850	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.0905	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Antimony	0.85	MG/KG	UJ
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Arsenic	1.8	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Barium	171	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Beryllium	0.65	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Bromide	0.994	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Cadmium	0.068	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Calcium	1170	MG/KG	J
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chloride	12.5	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chromium	6.7	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Cobalt	5.1	MG/KG	J
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Copper	3.5	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Fluoride	1.56	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	HMX	0.302	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Iron	12000	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Lead	12	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Magnesium	1360	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Manganese	581	MG/KG	J-
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nickel	4.5	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Oxalate	0.761	MG/KG	J
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Perchlorate	0.066	MG/KG	UJ
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Potassium	1250	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	RDX	1.24	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Selenium	0.21	MG/KG	UJ
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Silver	0.49	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Sodium	79.9	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Sulfate	37.3	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Thallium	0.41	MG/KG	J
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Vanadium	17.2	MG/KG	
MDA P	16-20661	0816-01-0251	2-3 FT	QBT3	Zinc	32.8	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Acenaphthene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Aluminum	6940	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Aniline	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Anthracene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Antimony	0.92	MG/KG	UJ
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Arsenic	1.9	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Azobenzene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Barium	47.6	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Beryllium	0.65	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Bromide	1.3	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Cadmium	0.074	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Calcium	866	MG/KG	J
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chloride	12.8	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chromium	5.7	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Chrysene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Cobalt	4.2	MG/KG	J
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Copper	3.1	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Fluoranthene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Fluorene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Fluoride	1.36	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	HMX	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Iron	10800	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Isophorone	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Lead	8.4	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Magnesium	1140	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Manganese	270	MG/KG	J-
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Mercury	0.02	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Naphthalene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nickel	4	MG/KG	J
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Oxalate	1.05	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U

MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Perchlorate	0.0702	MG/KG	UJ
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Phenanthrene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Phenol	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Potassium	1200	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Pyrene	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	RDX	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Silver	0.53	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Sodium	126	MG/KG	J
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Sulfate	39.6	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Thallium	0.39	MG/KG	J
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Vanadium	14.4	MG/KG	
MDA P	16-20661	0816-01-0252	6-7 FT	QBT3	Zinc	26.3	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Aluminum	4560	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Antimony	0.86	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Arsenic	0.13	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Barium	11.3	MG/KG	J+
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Beryllium	0.44	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Bromide	0.0809	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Cadmium	0.068	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Calcium	364	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chloride	12.5	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chromium	2.7	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Cobalt	2.7	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Copper	2.5	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Fluoride	0.35	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	HMX	0.429	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Iron	7740	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Lead	22.4	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Magnesium	390	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Manganese	177	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nickel	3	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Oxalate	0.971	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Perchlorate	0.0647	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Potassium	391	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	RDX	0.36	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Selenium	0.22	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Silver	0.49	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Sodium	78.6	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Sulfate	224	MG/KG	
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Thallium	0.032	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Vanadium	3.6	MG/KG	J
MDA P	16-20662	0816-01-0313	0-1 FT	QBT3	Zinc	44.8	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Aluminum	3060	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Antimony	0.89	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Arsenic	0.36	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Barium	23	MG/KG	J+
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Beryllium	0.8	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Bromide	0.0853	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Cadmium	5.7	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Calcium	324	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chloride	14.6	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chromium	2.1	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Cobalt	66.8	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Copper	2.6	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Fluoride	1.37	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	HMX	0.224	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Iron	6670	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Lead	20.4	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Magnesium	274	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Manganese	380	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nickel	3.2	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Oxalate	1.02	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Perchlorate	0.0683	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Potassium	265	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	RDX	0.313	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Selenium	0.31	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Sodium	92.6	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Sulfate	158	MG/KG	
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Thallium	0.043	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Vanadium	2.3	MG/KG	J
MDA P	16-20662	0816-01-0314	2-3 FT	QBT3	Zinc	50.5	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Aluminum	4230	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Antimony	0.88	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Arsenic	0.68	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Barium	12.7	MG/KG	J+
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Beryllium	0.67	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Cadmium	0.07	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Calcium	583	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chromium	2.5	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Cobalt	1.8	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Copper	2.4	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	HMX	0.0899	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Iron	8100	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Lead	3.3	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Magnesium	329	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Manganese	248	MG/KG	
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nickel	3.2	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Potassium	391	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	RDX	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Selenium	0.22	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Sodium	66.9	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Thallium	0.079	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Vanadium	3.8	MG/KG	J
MDA P	16-20663	0816-01-0311	0-1 FT	QBT3	Zinc	41.3	MG/KG	
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Aluminum	1820	MG/KG	
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Antimony	0.85	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Arsenic	0.32	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Barium	7.6	MG/KG	J+
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Beryllium	0.38	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Cadmium	0.068	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Calcium	181	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chromium	0.93	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Cobalt	8.5	MG/KG	
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Copper	1.6	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	HMX	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Iron	6790	MG/KG	
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Lead	2.4	MG/KG	
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Magnesium	135	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Manganese	127	MG/KG	
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nickel	2.4	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Potassium	252	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	RDX	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Selenium	0.21	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Silver	0.49	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Sodium	59.7	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Thallium	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Vanadium	3	MG/KG	J
MDA P	16-20664	0816-01-0309	0-1 FT	QBT3	Zinc	38.7	MG/KG	
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Aluminum	2240	MG/KG	
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Antimony	0.85	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Arsenic	0.12	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Barium	9.2	MG/KG	J+
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Beryllium	0.4	MG/KG	J
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Cadmium	0.068	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Calcium	220	MG/KG	J
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chromium	1.2	MG/KG	
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U

MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Cobalt	8.7	MG/KG	
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Copper	1.6	MG/KG	J
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	HMX	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Iron	7060	MG/KG	
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Lead	2.5	MG/KG	
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Magnesium	176	MG/KG	J
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Manganese	127	MG/KG	
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nickel	2.4	MG/KG	J
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Potassium	253	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	RDX	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Selenium	0.21	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Silver	0.49	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Sodium	65.6	MG/KG	J
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Thallium	0.066	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Vanadium	3.4	MG/KG	J
MDA P	16-20664	0816-01-0310	0-1 FT	QBT3	Zinc	31.5	MG/KG	
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Acenaphthene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Aluminum	1520	MG/KG	
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Aniline	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Anthracene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Antimony	0.85	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Arsenic	0.12	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Azobenzene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Barium	16.7	MG/KG	J+
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Benzo(a)pyrene	0.36	MG/KG	UJ
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Benzo(b)fluoranthene	0.36	MG/KG	UJ
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Benzo(g,h,i)perylene	0.36	MG/KG	UJ
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Benzo(k)fluoranthene	0.36	MG/KG	UJ
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Beryllium	0.33	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Cadmium	0.068	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Calcium	193	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chromium	1	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chromium hexavalent ion	0.43	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Chrysene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Cobalt	3.6	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Copper	2.2	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dibenz(a,h)anthracene	0.36	MG/KG	UJ
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Di-n-octylphthalate	0.36	MG/KG	UJ
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Fluoranthene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Fluorene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	HMX	0.248	MG/KG	
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	UJ
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Iron	6210	MG/KG	
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Isophorone	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Lead	4.7	MG/KG	
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Magnesium	201	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Manganese	164	MG/KG	
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Mercury	0.18	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Naphthalene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nickel	2.7	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Phenanthrene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Phenol	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Potassium	253	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Pyrene	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	RDX	0.138	MG/KG	
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Selenium	0.21	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Silver	0.49	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Sodium	61.3	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Tetryl	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Thallium	0.15	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Vanadium	3.8	MG/KG	J
MDA P	16-20665	0816-01-0261	0-1 FT	QBT4	Zinc	29	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Aluminum	7610	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Antimony	0.87	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Arsenic	1	MG/KG	J
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Barium	374	MG/KG	J+
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Beryllium	0.75	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Bromide	0.0842	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Cadmium	0.07	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Calcium	1260	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chloride	29.6	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chromium	3.9	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Cobalt	2.2	MG/KG	J
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Copper	5.6	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Fluoride	3.88	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	HMX	1.15	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Iron	10100	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Lead	8.1	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Magnesium	923	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Manganese	186	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nickel	4.3	MG/KG	J
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Oxalate	1.01	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Perchlorate	0.0674	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Potassium	565	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	RDX	1.62	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Selenium	0.22	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Sodium	65.2	MG/KG	J
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Sulfate	5.88	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Thallium	0.26	MG/KG	J
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Vanadium	7.7	MG/KG	
MDA P	16-20667	0816-01-0197	0-1 FT	QBT3	Zinc	38.9	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Aluminum	2740	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Antimony	0.9	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Arsenic	0.36	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Barium	22.6	MG/KG	J+
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Beryllium	0.63	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Bromide	0.0851	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Cadmium	0.11	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Calcium	230	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chloride	12.6	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chromium	1.7	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Cobalt	3.7	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Copper	2	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Fluoride	3.05	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	HMX	0.139	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Iron	7700	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Lead	2.1	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Magnesium	249	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Manganese	259	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nickel	3.4	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Oxalate	0.785	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Perchlorate	0.0681	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Potassium	267	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	RDX	0.155	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Selenium	0.23	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Sodium	90.1	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Sulfate	7.78	MG/KG	
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Thallium	0.014	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Vanadium	3.6	MG/KG	J
MDA P	16-20669	0816-01-0315	0-1 FT	QBT3	Zinc	39.3	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Acenaphthene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Acenaphthylene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Aluminum	6130	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.2	MG/KG	J
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Aniline	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Anthracene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Antimony	0.28	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Arsenic	1.2	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Azobenzene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Barium	2920	MG/KG	J-
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Benzo(a)anthracene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Benzo(a)pyrene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Benzo(b)fluoranthene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Benzo(k)fluoranthene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Benzyl Alcohol	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Beryllium	0.47	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.11	MG/KG	J
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Butylbenzylphthalate	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Cadmium	0.22	MG/KG	J
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Calcium	1590	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chloroaniline[4-]	0.34	MG/KG	UJ
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chloronaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chlorophenol[2-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chromium	7.5	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chromium hexavalent ion	0.1	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Chrysene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Cobalt	2.1	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Copper	23.4	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dibenzofuran	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Diethylphthalate	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dimethyl Phthalate	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Di-n-butylphthalate	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Di-n-octylphthalate	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Fluoranthene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Fluorene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Hexachlorobenzene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Hexachlorobutadiene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Hexachloroethane	0.34	MG/KG	UJ
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	HMX	5.1	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Iron	9680	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Isophorone	0.34	MG/KG	UJ
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Lead	24.1	MG/KG	J+
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Magnesium	1330	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Manganese	225	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Mercury	0.025	MG/KG	J
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Methylnaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Methylphenol[2-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Naphthalene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nickel	4	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrobenzene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrophenol[2-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.34	MG/KG	U

MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Phenanthrene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Phenol	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Potassium	980	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Pyrene	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	RDX	18	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Selenium	0.21	MG/KG	UJ
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Silver	1.4	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Sodium	141	MG/KG	J
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Tetryl	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Thallium	0.21	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.34	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.55	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Vanadium	11.1	MG/KG	
MDA P	16-20670	RE16-02-45436	0-1 FT	QBT3	Zinc	90.8	MG/KG	J-
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Acenaphthene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Aluminum	8280	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Aniline	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Anthracene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Antimony	0.87	MG/KG	UJ
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Arsenic	1	MG/KG	J-
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Azobenzene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Barium	266	MG/KG	J-
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Beryllium	0.78	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Cadmium	0.092	MG/KG	J
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Calcium	3120	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chromium	6.4	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Chrysene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Cobalt	3.9	MG/KG	J
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Copper	5.1	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Fluoranthene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Fluorene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	HMX	0.71	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Iron	11400	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Isophorone	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Lead	10.4	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Magnesium	1360	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Manganese	399	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Mercury	0.042	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Naphthalene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nickel	6.4	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Phenanthrene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Phenol	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Potassium	1300	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Pyrene	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	RDX	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Selenium	0.22	MG/KG	UJ
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Silver	0.5	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Sodium	128	MG/KG	J
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Tetryl	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Thallium	0.16	MG/KG	J+
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Vanadium	14.8	MG/KG	
MDA P	16-20692	0816-01-0086	0-1 FT	ALLH	Zinc	35.7	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Acenaphthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Aluminum	9100	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Aniline	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Anthracene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Antimony	0.86	MG/KG	UJ
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Arsenic	0.82	MG/KG	J-
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Azobenzene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Barium	145	MG/KG	J-
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Beryllium	0.77	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Cadmium	0.069	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Calcium	1980	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chromium	7.8	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Chrysene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Cobalt	3.8	MG/KG	J
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Copper	4.9	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Fluoranthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Fluorene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	HMX	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Iron	11700	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Isophorone	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Lead	9.4	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Magnesium	1520	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Manganese	303	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Mercury	0.018	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Naphthalene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nickel	6.6	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Phenanthrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Phenol	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Potassium	1990	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Pyrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	RDX	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Selenium	0.22	MG/KG	UJ
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Silver	0.5	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Sodium	132	MG/KG	J
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Thallium	0.19	MG/KG	J+
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.27	MG/KG	U
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Vanadium	15.8	MG/KG	
MDA P	16-20693	0816-01-0078	0-1 FT	ALLH	Zinc	31	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Acenaphthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Aluminum	6060	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Aniline	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Anthracene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Antimony	0.88	MG/KG	UJ
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Arsenic	0.6	MG/KG	J-
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Azobenzene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Barium	67	MG/KG	J-
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Beryllium	0.6	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Cadmium	0.07	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Calcium	1150	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chromium	11.8	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Chrysene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Cobalt	3.6	MG/KG	J
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Copper	3.4	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Fluoranthene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Fluorene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	HMX	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Iron	10200	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Isophorone	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Lead	8.1	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Magnesium	961	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Manganese	354	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Mercury	0.019	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Naphthalene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nickel	10.1	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Phenanthrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Phenol	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Potassium	901	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Pyrene	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	RDX	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Selenium	0.22	MG/KG	UJ
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Silver	0.5	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Sodium	90.9	MG/KG	J
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Tetryl	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Thallium	0.13	MG/KG	J+
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Vanadium	14.7	MG/KG	
MDA P	16-20693	0816-01-0079	2-3 FT	ALLH	Zinc	25.8	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Acenaphthene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Aluminum	6360	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.23	MG/KG	J
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.21	MG/KG	J
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Aniline	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Anthracene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Antimony	0.9	MG/KG	UJ
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Arsenic	1.1	MG/KG	J
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Azobenzene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Barium	473	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Beryllium	0.67	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Cadmium	0.072	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Calcium	2070	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chromium	5.1	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Chrysene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Cobalt	3.8	MG/KG	J
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Copper	8.4	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Fluoranthene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Fluorene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	HMX	0.65	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Iron	9040	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Isophorone	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Lead	11.5	MG/KG	J+
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Magnesium	1140	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Manganese	342	MG/KG	J-
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Mercury	0.024	MG/KG	J
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Naphthalene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nickel	2.7	MG/KG	J
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Phenanthrene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Phenol	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Potassium	1010	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Pyrene	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	RDX	0.49	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Selenium	0.23	MG/KG	UJ
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Silver	0.52	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Sodium	132	MG/KG	J
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Tetryl	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Thallium	0.11	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Vanadium	12.9	MG/KG	
MDA P	16-20694	0816-01-0058	0-1 FT	ALLH	Zinc	31	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Acenaphthene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Aluminum	7830	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Aniline	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Anthracene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Antimony	2.9	MG/KG	J-
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Arsenic	1.6	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Azobenzene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Barium	323	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Beryllium	0.67	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Bromide	1.07	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Cadmium	1.4	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Calcium	2220	MG/KG	J
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chloride	25.5	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chromium	8.8	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Chrysene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Cobalt	4.4	MG/KG	J
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Copper	18.8	MG/KG	
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20694T	0816-01-0253	2-3 FT	ALLH	Di-n-butylphthalate	0.39	MG/KG	U

MDA P	16-20697	0816-01-0051	0-1 FT	QBT3	Vanadium	11.6	MG/KG	
MDA P	16-20697	0816-01-0051	0-1 FT	QBT3	Zinc	30.3	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Aluminum	8450	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Antimony	0.91	MG/KG	UJ
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Arsenic	1	MG/KG	J-
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Barium	446	MG/KG	J-
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Beryllium	0.74	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Cadmium	0.11	MG/KG	J
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Calcium	3350	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chromium	8	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Cobalt	4.8	MG/KG	J
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Copper	7.2	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	HMX	0.81	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Iron	12100	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Lead	10	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Magnesium	1390	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Manganese	478	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Mercury	0.034	MG/KG	J
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nickel	7.5	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Potassium	1090	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	RDX	0.075	MG/KG	J
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Sodium	104	MG/KG	J
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Tetryl	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Thallium	0.44	MG/KG	J+
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Vanadium	14.6	MG/KG	
MDA P	16-20698	0816-01-0071	0-1 FT	QBT3	Zinc	43.2	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Aluminum	6490	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Antimony	0.88	MG/KG	UJ
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Arsenic	0.85	MG/KG	J
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Barium	124	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Beryllium	0.63	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Cadmium	0.071	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Calcium	1480	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chromium	5.7	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Cobalt	3.8	MG/KG	J
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Copper	3.7	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	HMX	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Iron	9180	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Lead	9	MG/KG	J+
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Magnesium	1150	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Manganese	376	MG/KG	J-
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nickel	2.2	MG/KG	J
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Potassium	1130	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	RDX	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Selenium	0.22	MG/KG	UJ
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Sodium	124	MG/KG	J
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Thallium	0.11	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Vanadium	13.3	MG/KG	
MDA P	16-20699	0816-01-0057	0-1 FT	QBT3	Zinc	27	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Aluminum	5340	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Antimony	0.87	MG/KG	UJ
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Arsenic	0.61	MG/KG	J
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Barium	59.1	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Beryllium	0.55	MG/KG	J
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Cadmium	0.07	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Calcium	1570	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chromium	8.9	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Cobalt	3.6	MG/KG	J
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Copper	3	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	HMX	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Iron	8080	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Lead	6.3	MG/KG	J+
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Magnesium	1120	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Manganese	242	MG/KG	J-
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nickel	3.3	MG/KG	J
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Potassium	1030	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	RDX	0.11	MG/KG	J
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Selenium	0.22	MG/KG	UJ
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Sodium	146	MG/KG	J
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Thallium	0.083	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Vanadium	10.7	MG/KG	
MDA P	16-20700	0816-01-0049	0-1 FT	QBT3	Zinc	23.2	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Aluminum	9020	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Antimony	0.91	MG/KG	UJ
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Arsenic	1.4	MG/KG	J-
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Barium	682	MG/KG	J-
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Beryllium	0.75	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Cadmium	0.089	MG/KG	J
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Calcium	1710	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chromium	6.7	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Cobalt	5.1	MG/KG	J
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Copper	7.2	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	HMX	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Iron	12800	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Lead	12.5	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Magnesium	1430	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Manganese	485	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nickel	5.2	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Potassium	934	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	RDX	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Sodium	116	MG/KG	J
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Tetryl	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Thallium	0.17	MG/KG	J+
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Vanadium	18.1	MG/KG	
MDA P	16-20702	0816-01-0074	0-1 FT	QBT3	Zinc	42.6	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Aluminum	9910	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.17	MG/KG	J
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.14	MG/KG	J
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Antimony	0.9	MG/KG	UJ
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Arsenic	1	MG/KG	J-
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Barium	518	MG/KG	J-
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Beryllium	0.75	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Cadmium	0.12	MG/KG	J
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Calcium	1820	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chromium	7.3	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Cobalt	6.4	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Copper	6.2	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	HMX	2.4	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Iron	12500	MG/KG	

MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Lead	11.3	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Magnesium	1580	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Manganese	515	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nickel	5.9	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Potassium	1200	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	RDX	1.3	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Sodium	119	MG/KG	J
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Tetryl	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Thallium	0.14	MG/KG	J+
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Vanadium	17.3	MG/KG	
MDA P	16-20702	0816-01-0075	0-1 FT	QBT3	Zinc	41.2	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Aluminum	9780	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Antimony	0.9	MG/KG	UJ
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Arsenic	1.3	MG/KG	J-
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Barium	212	MG/KG	J-
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Beryllium	1.3	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Cadmium	0.098	MG/KG	J
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Calcium	1290	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chromium	6.6	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Cobalt	6.1	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Copper	5.9	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	HMX	0.79	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Iron	11400	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Lead	11.6	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Magnesium	2240	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Manganese	578	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Mercury	0.025	MG/KG	J
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nickel	10.5	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Potassium	1240	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	RDX	1.1	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Sodium	142	MG/KG	J
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Tetryl	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Thallium	0.17	MG/KG	J+
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Vanadium	20.2	MG/KG	
MDA P	16-20702	0816-01-0076	2-3 FT	QBT3	Zinc	33.2	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Aluminum	10300	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Antimony	0.9	MG/KG	UJ
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Arsenic	1.8	MG/KG	J-
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Barium	181	MG/KG	J-
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Beryllium	1.4	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Cadmium	0.079	MG/KG	J
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Calcium	1170	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chromium	8.3	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chromium hexavalent ion	0.46	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Cobalt	4	MG/KG	J
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Copper	7.9	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	HMX	0.73	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Iron	13200	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Lead	12.6	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Magnesium	1460	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Manganese	373	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Mercury	0.024	MG/KG	J
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nickel	7.4	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrobenzene	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrotoluene[2-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrotoluene[3-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Nitrotoluene[4-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Potassium	908	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	RDX	0.87	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Selenium	0.3	MG/KG	J-
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Silver	0.52	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Sodium	142	MG/KG	J
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Tetryl	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Thallium	0.2	MG/KG	J+
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.29	MG/KG	U
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Vanadium	21.8	MG/KG	
MDA P	16-20702	0816-01-0077	2-3 FT	QBT3	Zinc	39	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Aluminum	6860	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.314	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.355	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Antimony	0.88	MG/KG	UJ
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Arsenic	1.1	MG/KG	J
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Barium	1590	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Beryllium	0.55	MG/KG	J
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.53	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Bromide	0.912	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Cadmium	0.078	MG/KG	J
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Calcium	1390	MG/KG	J
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chloride	13.7	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chromium	5.2	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Cobalt	5.5	MG/KG	J
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Copper	6.5	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Fluoride	2.38	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	HMX	3.14	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Iron	10400	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Lead	11.6	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Magnesium	998	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Manganese	249	MG/KG	J-
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nickel	3.6	MG/KG	J
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Oxalate	2.36	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Perchlorate	0.168	MG/KG	UJ
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Potassium	860	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	RDX	2.92	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Selenium	0.22	MG/KG	UJ
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Sodium	68.2	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Sulfate	17.7	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Thallium	0.2	MG/KG	J
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.157	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Vanadium	11.7	MG/KG	
MDA P	16-20702T	0816-01-0255	0-1 FT	QBT3	Zinc	40.3	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Aluminum	6070	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.298	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.321	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Antimony	0.9	MG/KG	UJ
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Arsenic	1.2	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Barium	1880	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Beryllium	0.54	MG/KG	J
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Bromide	0.596	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Cadmium	0.087	MG/KG	J
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Calcium	1300	MG/KG	J
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chloride	12.5	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chromium	4.7	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Cobalt	7.6	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Copper	6.9	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Fluoride	1.07	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	HMX	3.4	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Iron	10200	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Lead	14.3	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Magnesium	914	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Manganese	328	MG/KG	J-
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nickel	3.9	MG/KG	J
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Oxalate	1	MG/KG	J
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Perchlorate	0.17	MG/KG	UJ
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Potassium	753	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	RDX	2.76	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Silver	0.87	MG/KG	J
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Sodium	79.5	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Sulfate	8.93	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Thallium	0.19	MG/KG	J
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Vanadium	13	MG/KG	
MDA P	16-20702T	0816-01-0256	0-1 FT	QBT3	Zinc	44.5	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Acenaphthene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Acenaphthylene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Aluminum	6080	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Aniline	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Anthracene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Antimony	0.88	MG/KG	UJ
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Arsenic	0.98	MG/KG	J
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Azobenzene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Barium	261	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Benzo(a)anthracene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Benzo(a)pyrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Benzo(b)fluoranthene	0.37	MG/KG	U

MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Benzo(g,h,i)perylene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Benzo(k)fluoranthene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Benzyl Alcohol	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Beryllium	0.74	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Bis(2-chloroethoxy)methane	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Bis(2-chloroethyl)ether	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Bromide	0.805	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Bromophenyl-phenylether[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Butylbenzylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Cadmium	0.07	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Calcium	1160	MG/KG	J
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chloride	20.1	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chloro-3-methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chloroaniline[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chloronaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chlorophenol[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chromium	5.3	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Chrysene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Cobalt	3.8	MG/KG	J
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Copper	5.2	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dibenz(a,h)anthracene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dibenzofuran	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dichlorobenzene[1,2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dichlorobenzene[1,3-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dichlorobenzene[1,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dichlorophenol[2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Diethylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dimethyl Phthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dimethylphenol[2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Di-n-butylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dinitrotoluene[2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dinitrotoluene[2,6-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Di-n-octylphthalate	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Fluoranthene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Fluorene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Fluoride	1.27	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Hexachlorobenzene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Hexachlorobutadiene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Hexachloroethane	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	HMX	0.362	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Iron	9940	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Isophorone	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Lead	9.2	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Magnesium	969	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Manganese	318	MG/KG	J-
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Methylnaphthalene[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Methylphenol[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Methylphenol[4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Naphthalene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nickel	5	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrobenzene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrophenol[2-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrosodimethylamine[N-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrosodiphenylamine[N-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Oxalate	0.387	MG/KG	J
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Perchlorate	0.0664	MG/KG	UJ
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Phenanthrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Phenol	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Potassium	678	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Pyrene	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	RDX	2.47	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Selenium	0.45	MG/KG	J-
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Sodium	68.5	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Sulfate	22.9	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Thallium	0.2	MG/KG	J
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Trichlorobenzene[1,2,4-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Trichlorophenol[2,4,5-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Trichlorophenol[2,4,6-]	0.37	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Vanadium	12.2	MG/KG	
MDA P	16-20702T	0816-01-0257	4-5 FT	QBT3	Zinc	35.2	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Aluminum	6560	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Antimony	0.89	MG/KG	UJ
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Arsenic	1.4	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Barium	193	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Beryllium	0.94	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Bromide	0.798	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Cadmium	0.084	MG/KG	J
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Calcium	1220	MG/KG	J
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chloride	10.8	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chromium	5.5	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Cobalt	3.9	MG/KG	J
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Copper	4.9	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Fluoride	0.812	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	HMX	0.371	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Iron	10800	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Lead	11.2	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Magnesium	1050	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Manganese	421	MG/KG	J-
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nickel	5.4	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Oxalate	0.498	MG/KG	J
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Perchlorate	0.0679	MG/KG	UJ
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Potassium	744	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	RDX	2.86	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Selenium	0.65	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Silver	0.51	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Sodium	71.1	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Sulfate	22.9	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Thallium	0.26	MG/KG	J
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Vanadium	15.1	MG/KG	
MDA P	16-20702T	0816-01-0258	4-5 FT	QBT3	Zinc	31.4	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Aluminum	2470	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Antimony	0.86	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Arsenic	0.89	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Barium	384	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Beryllium	0.33	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Bromide	0.0817	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Cadmium	0.8	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Calcium	395	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chloride	11.6	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chromium	1.6	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chromium hexavalent ion	0.44	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Cobalt	2.1	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Copper	1.8	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Fluoride	3.41	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	HMX	0.26	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Iron	6790	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Lead	2.4	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Magnesium	225	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Manganese	140	MG/KG	J-
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Mercury	0.018	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nickel	1.8	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Oxalate	1.76	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Perchlorate	0.0653	MG/KG	UJ
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Potassium	255	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	RDX	0.768	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Selenium	0.22	MG/KG	UJ
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Silver	0.49	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Sodium	65	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Sulfate	3.78	MG/KG	
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Thallium	0.26	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Vanadium	2.5	MG/KG	J
MDA P	16-20706	0816-01-0323	0-1 FT	QBT3	Zinc	37.8	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Acenaphthene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Acenaphthylene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Aluminum	7270	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Aniline	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Anthracene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Antimony	0.88	MG/KG	UJ
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Arsenic	1.1	MG/KG	J-
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Azobenzene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Barium	493	MG/KG	J-
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Benzo(a)anthracene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Benzo(a)pyrene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Benzo(b)fluoranthene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Benzo(g,h,i)perylene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Benzo(k)fluoranthene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Benzoic Acid	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Benzyl Alcohol	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Beryllium	0.65	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Bis(2-chloroethoxy)methane	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Bis(2-chloroethyl)ether	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Butylbenzylphthalate	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Cadmium	0.086	MG/KG	J
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Calcium	3210	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chloro-3-methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chloroaniline[4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chloronaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chlorophenol[2-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chromium	17.4	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chromium hexavalent ion	0.45	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Chrysene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Cobalt	3.9	MG/KG	J
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Copper	6.1	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dibenz(a,h)anthracene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dibenzofuran	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dichlorobenzene[1,2-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dichlorobenzene[1,3-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dichlorobenzene[1,4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dichlorophenol[2,4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Diethylphthalate	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dimethyl Phthalate	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dimethylphenol[2,4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Di-n-butylphthalate	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dinitrobenzene[1,3-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dinitrophenol[2,4-]	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dinitrotoluene[2,4-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Dinitrotoluene[2,6-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Di-n-octylphthalate	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Fluoranthene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Fluorene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Hexachlorobenzene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Hexachlorobutadiene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Hexachlorocyclopentadiene	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Hexachloroethane	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	HMX	0.79	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Iron	11900	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Isophorone	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Lead	25.4	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Magnesium	1320	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Manganese	396	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Mercury	0.029	MG/KG	J
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Methylnaphthalene[2-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Methylphenol[2-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Methylphenol[4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Naphthalene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nickel	5.9	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitroaniline[2-]	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitroaniline[3-]	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitroaniline[4-]	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrobenzene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrobenzene	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrophenol[2-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrophenol[4-]	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrosodimethylamine[N-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrosodiphenylamine[N-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrotoluene[2-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrotoluene[3-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Nitrotoluene[4-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Pentachlorophenol	1.8	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Phenanthrene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Phenol	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Potassium	1310	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Pyrene	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	RDX	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Selenium	0.22	MG/KG	UJ
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Silver	0.5	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Sodium	163	MG/KG	J
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Tetryl	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Thallium	0.1	MG/KG	J+
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Trichlorophenol[2,4,5-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Trichlorophenol[2,4,6-]	0.36	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Trinitrobenzene[1,3,5-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Trinitrotoluene[2,4,6-]	0.28	MG/KG	U
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Vanadium	13.7	MG/KG	
MDA P	16-20736	0816-01-0090	0-1 FT	QBT3	Zinc	65	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Acenaphthene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Aluminum	5270	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.204	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.197	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Aniline	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Anthracene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Antimony	2.7	MG/KG	J-
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Arsenic	0.62	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Azobenzene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Barium	1110	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Beryllium	0.51	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Bromide	0.761	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Cadmium	0.098	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Calcium	1170	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chloride	13.8	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chloroaniline[4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chromium	4.9	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Chrysene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Cobalt	4	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Copper	8.1	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Fluoranthene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Fluorene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Fluoride	1.42	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Hexachloroethane	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	HMX	3.71	MG/KG	

MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Iron	9110	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Isophorone	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Lead	20.6	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Magnesium	714	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Manganese	260	MG/KG	J-
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Mercury	0.018	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Naphthalene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nickel	3.8	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Oxalate	1.01	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Perchlorate	0.0676	MG/KG	UJ
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Phenanthrene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Phenol	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Potassium	798	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Pyrene	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	RDX	1.44	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Selenium	0.37	MG/KG	J-
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Silver	0.53	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Sodium	62.8	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Sulfate	15.1	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Thallium	0.62	MG/KG	J
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Vanadium	10.3	MG/KG	
MDA P	16-20741	0816-01-0249	5-5 FT	QBT3	Zinc	37.9	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Acenaphthene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Acenaphthylene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Aluminum	6100	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Amino-2,6-dinitrotoluene[4-]	0.11	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Amino-4,6-dinitrotoluene[2-]	0.107	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Aniline	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Anthracene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Antimony	0.91	MG/KG	UJ
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Arsenic	0.35	MG/KG	J
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Azobenzene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Barium	582	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Benzo(a)anthracene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Benzo(a)pyrene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Benzo(b)fluoranthene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Benzo(g,h,i)perylene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Benzo(k)fluoranthene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Benzyl Alcohol	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Beryllium	0.44	MG/KG	J
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Bis(2-chloroethoxy)methane	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Bis(2-chloroethyl)ether	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Bis(2-ethylhexyl)phthalate	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Bromide	0.589	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Bromophenyl-phenylether[4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Butylbenzylphthalate	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Cadmium	0.073	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Calcium	1270	MG/KG	J
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chloride	16.5	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chloro-3-methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chloroaniline[4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chloronaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chlorophenol[2-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chlorophenyl-phenyl[4-] Ether	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chromium	5.1	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Chrysene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Cobalt	4.2	MG/KG	J
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Copper	3.9	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dibenz(a,h)anthracene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dibenzofuran	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dichlorobenzene[1,2-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dichlorobenzene[1,3-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dichlorobenzene[1,4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dichlorophenol[2,4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Diethylphthalate	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dimethyl Phthalate	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dimethylphenol[2,4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Di-n-butylphthalate	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dinitrobenzene[1,3-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dinitrotoluene[2,4-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Dinitrotoluene[2,6-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Di-n-octylphthalate	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Fluoranthene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Fluorene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Fluoride	0.872	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Hexachlorobenzene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Hexachlorobutadiene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Hexachloroethane	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	HMX	3.28	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Indeno(1,2,3-cd)pyrene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Iron	9720	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Isophorone	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Lead	11	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Magnesium	884	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Manganese	309	MG/KG	J-
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Mercury	0.019	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Methylnaphthalene[2-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Methylphenol[2-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Methylphenol[4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Naphthalene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nickel	4	MG/KG	J
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrobenzene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrobenzene	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrophenol[2-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrosodimethylamine[N-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitroso-di-n-propylamine[N-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrosodiphenylamine[N-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrotoluene[2-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrotoluene[3-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Nitrotoluene[4-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Oxalate	1.04	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Oxybis(1-chloropropane)[2,2'-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Perchlorate	0.0695	MG/KG	UJ
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Phenanthrene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Phenol	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Potassium	862	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Pyrene	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	RDX	1.15	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Selenium	0.23	MG/KG	UJ
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Silver	1.5	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Sodium	61.2	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Sulfate	10.5	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Tetryl	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Thallium	0.46	MG/KG	J
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Trichlorobenzene[1,2,4-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Trichlorophenol[2,4,5-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Trichlorophenol[2,4,6-]	0.38	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Trinitrobenzene[1,3,5-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Trinitrotoluene[2,4,6-]	0.08	MG/KG	U
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Vanadium	11.3	MG/KG	
MDA P	16-20741	0816-01-0250	2-3 FT	QBT3	Zinc	34.8	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Acenaphthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Aluminum	5400	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Aniline	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Anthracene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Antimony	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Arsenic	1.1	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Azobenzene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Barium	2750	MG/KG	J-
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Beryllium	0.4	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.12	MG/KG	J
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Cadmium	0.12	MG/KG	J
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Calcium	1120	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chloroaniline[4-]	0.35	MG/KG	UJ
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chromium	5	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chromium hexavalent ion	0.11	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Chrysene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Cobalt	1.5	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Copper	13.2	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Fluoranthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Fluorene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Hexachloroethane	0.35	MG/KG	UJ
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	HMX	2.2	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Iron	7740	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Isophorone	0.35	MG/KG	UJ
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Lead	15.6	MG/KG	J+
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Magnesium	743	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Manganese	154	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Mercury	0.024	MG/KG	J
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Naphthalene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nickel	3.2	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Perchlorate	0.0529	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Phenanthrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Phenol	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Potassium	668	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Pyrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	RDX	2.7	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Selenium	0.21	MG/KG	UJ
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Silver	7.8	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Sodium	121	MG/KG	J
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Thallium	0.14	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	1.2	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Vanadium	8.3	MG/KG	
MDA P	16-20742	RE16-02-45439	0-1 FT	ALLH	Zinc	39.7	MG/KG	J-
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Acenaphthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Aluminum	4970	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.38	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Aniline	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Anthracene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Antimony	0.25	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Arsenic	2.1	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Azobenzene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Barium	2670	MG/KG	J-
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Beryllium	0.46	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.18	MG/KG	J
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Cadmium	0.12	MG/KG	J
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Calcium	1130	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chloroaniline[4-]	0.35	MG/KG	UJ
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chromium	5.8	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chromium hexavalent ion	0.11	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Chrysene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Cobalt	1.9	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Copper	9.7	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dinitrobenzene[1,3-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Fluoranthene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Fluorene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Hexachloroethane	0.35	MG/KG	UJ
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	HMX	3.3	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Iron	9330	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Isophorone	0.35	MG/KG	UJ
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Lead	16.3	MG/KG	J+
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Magnesium	743	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Manganese	196	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Mercury	0.024	MG/KG	J
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Naphthalene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nickel	3.1	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrobenzene	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrotoluene[2-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrotoluene[3-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Nitrotoluene[4-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Perchlorate	0.0534	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Phenanthrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Phenol	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Potassium	639	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Pyrene	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	RDX	1.2	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Selenium	0.21	MG/KG	UJ
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Silver	1.4	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Sodium	122	MG/KG	J
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Tetryl	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Thallium	0.15	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Trinitrobenzene[1,3,5-]	0.27	MG/KG	U
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Trinitrotoluene[2,4,6-]	1.2	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Vanadium	12.5	MG/KG	
MDA P	16-20742	RE16-02-45440	0-1 FT	ALLH	Zinc	39.3	MG/KG	J-
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Acenaphthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Aluminum	5620	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.21	MG/KG	J
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.14	MG/KG	J
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Aniline	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Anthracene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Antimony	0.46	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Arsenic	1.8	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Azobenzene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Barium	1440	MG/KG	J-
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Beryllium	0.46	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Cadmium	0.068	MG/KG	J
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Calcium	837	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chloroaniline[4-]	0.39	MG/KG	UJ
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chromium	7.1	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chromium hexavalent ion	0.12	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Chrysene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Cobalt	25	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Copper	11.6	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Fluoranthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Fluorene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Hexachloroethane	0.39	MG/KG	UJ
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	HMX	0.56	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Iron	9260	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Isophorone	0.39	MG/KG	UJ
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Lead	10.7	MG/KG	J+
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Magnesium	873	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Manganese	252	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Mercury	0.023	MG/KG	J
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Naphthalene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nickel	4.2	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Perchlorate	0.058	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Phenanthrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Phenol	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Potassium	688	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Pyrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	RDX	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Selenium	0.23	MG/KG	UJ
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Silver	9.7	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Sodium	137	MG/KG	J
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Tetryl	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Thallium	0.13	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Vanadium	9.6	MG/KG	
MDA P	16-20742	RE16-02-45441	2-3 FT	ALLH	Zinc	45	MG/KG	J-
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Acenaphthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Acenaphthylene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Aluminum	5840	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	MG/KG	J
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.1	MG/KG	J
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Aniline	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Anthracene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Antimony	0.18	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Arsenic	1.6	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Azobenzene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Barium	1540	MG/KG	J-

MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Benzo(a)anthracene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Benzo(a)pyrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Benzo(b)fluoranthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Benzo(g,h,i)perylene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Benzo(k)fluoranthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Benzoic Acid	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Benzyl Alcohol	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Beryllium	0.46	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Bis(2-chloroethoxy)methane	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Bis(2-chloroethyl)ether	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Bromophenyl-phenylether[4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Butylbenzylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Cadmium	0.062	MG/KG	J
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Calcium	872	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chloro-3-methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chloroaniline[4-]	0.39	MG/KG	UJ
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chloronaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chlorophenol[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chromium	6.9	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chromium hexavalent ion	0.12	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Chrysene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Cobalt	44.7	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Copper	14.7	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dibenz(a,h)anthracene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dibenzofuran	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dichlorobenzene[1,2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dichlorobenzene[1,3-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dichlorobenzene[1,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dichlorobenzidine[3,3'-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dichlorophenol[2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Diethylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dimethyl Phthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dimethylphenol[2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Di-n-butylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dinitrobenzene[1,3-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dinitrophenol[2,4-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Di-n-octylphthalate	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Fluoranthene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Fluorene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Hexachlorobenzene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Hexachlorobutadiene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Hexachlorocyclopentadiene	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Hexachloroethane	0.39	MG/KG	UJ
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	HMX	0.61	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Iron	8810	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Isophorone	0.39	MG/KG	UJ
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Lead	9.7	MG/KG	J+
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Magnesium	718	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Manganese	194	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Mercury	0.04	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Methylnaphthalene[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Methylphenol[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Methylphenol[4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Naphthalene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nickel	4.3	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitroaniline[2-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitroaniline[3-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitroaniline[4-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrobenzene	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrobenzene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrophenol[2-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrophenol[4-]	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrosodimethylamine[N-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrosodiphenylamine[N-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrotoluene[2-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrotoluene[3-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Nitrotoluene[4-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Pentachlorophenol	1.9	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Perchlorate	0.059	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Phenanthrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Phenol	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Potassium	679	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Pyrene	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	RDX	0.11	MG/KG	J
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Selenium	0.24	MG/KG	UJ
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Silver	15.8	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Sodium	132	MG/KG	J
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Tetryl	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Thallium	0.11	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Trichlorobenzene[1,2,4-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Trichlorophenol[2,4,5-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Trichlorophenol[2,4,6-]	0.39	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Trinitrobenzene[1,3,5-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Trinitrotoluene[2,4,6-]	0.3	MG/KG	U
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Vanadium	8.3	MG/KG	
MDA P	16-20742	RE16-02-45442	2-3 FT	ALLH	Zinc	42.8	MG/KG	J-
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Acenaphthene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Aluminum	5610	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Aniline	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Anthracene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Antimony	0.83	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Arsenic	0.2	MG/KG	J
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Azobenzene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Barium	141	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Beryllium	0.5	MG/KG	J
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Cadmium	0.12	MG/KG	J
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Calcium	4010	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chromium	4	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Chrysene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Cobalt	3.2	MG/KG	J
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Copper	5.1	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dinitrobenzene[1,3-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Fluoranthene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Fluorene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	HMX	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Iron	8340	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Isophorone	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Lead	8.7	MG/KG	J+
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Magnesium	1020	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Manganese	520	MG/KG	J-
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Mercury	0.018	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Naphthalene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nickel	5.4	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrobenzene	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrotoluene[2-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrotoluene[3-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Nitrotoluene[4-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Phenanthrene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Phenol	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Potassium	1070	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Pyrene	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	RDX	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Selenium	0.21	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Silver	0.48	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Sodium	26.2	MG/KG	J
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Tetryl	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Thallium	0.13	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Trinitrobenzene[1,3,5-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Trinitrotoluene[2,4,6-]	0.26	MG/KG	UJ
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Vanadium	6.9	MG/KG	
MDA P	16-20744	0816-01-0080	0-0.5 FT	ALLH	Zinc	38.4	MG/KG	J+
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Acenaphthene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Acenaphthylene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Aluminum	4970	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Aniline	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Anthracene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Antimony	0.82	MG/KG	UJ
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Arsenic	0.52	MG/KG	J
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Azobenzene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Barium	200	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Benzo(a)anthracene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Benzo(a)pyrene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Benzo(b)fluoranthene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Benzo(g,h,i)perylene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Benzo(k)fluoranthene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Benzyl Alcohol	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Beryllium	0.43	MG/KG	J
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Bis(2-chloroethoxy)methane	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Bis(2-chloroethyl)ether	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Bromophenyl-phenylether[4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Butylbenzylphthalate	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Cadmium	0.072	MG/KG	J
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Calcium	2570	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chloro-3-methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chloroaniline[4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chloronaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chlorophenol[2-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chromium	3.1	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Chrysene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Cobalt	2.6	MG/KG	J
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Copper	3.5	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dibenz(a,h)anthracene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dibenzofuran	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dichlorobenzene[1,2-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dichlorobenzene[1,3-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dichlorobenzene[1,4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dichlorophenol[2,4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Diethylphthalate	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dimethyl Phthalate	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dimethylphenol[2,4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Di-n-butylphthalate	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Di-n-octylphthalate	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Fluoranthene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Fluorene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Hexachlorobenzene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Hexachlorobutadiene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Hexachloroethane	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	HMX	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Iron	7240	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Isophorone	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Lead	9	MG/KG	J+
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Magnesium	971	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Manganese	405	MG/KG	J-
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Mercury	0.019	MG/KG	J
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Methylnaphthalene[2-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Methylphenol[2-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Methylphenol[4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Naphthalene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nickel	1.5	MG/KG	J
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrobenzene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrophenol[2-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrosodimethylamine[N-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrosodiphenylamine[N-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Perchlorate	0.0748	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Phenanthrene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Phenol	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Potassium	1060	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Pyrene	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	RDX	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Selenium	0.29	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Silver	0.47	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Sodium	130	MG/KG	J
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Tetryl	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Thallium	0.093	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Trichlorobenzene[1,2,4-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Trichlorophenol[2,4,5-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Trichlorophenol[2,4,6-]	0.34	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Vanadium	8.5	MG/KG	
MDA P	16-20782	0816-01-0044	0-0.5 FT	ALLH	Zinc	27.8	MG/KG	
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Acenaphthene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Acenaphthylene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Aluminum	2810	MG/KG	
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Aniline	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Anthracene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Antimony	0.83	MG/KG	UJ
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Arsenic	0.2	MG/KG	J
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Azobenzene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Barium	18.7	MG/KG	J
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Benzo(a)anthracene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Benzo(a)pyrene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Benzo(b)fluoranthene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Benzo(g,h,i)perylene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Benzo(k)fluoranthene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Benzoic Acid	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Benzyl Alcohol	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Beryllium	0.29	MG/KG	J
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Bis(2-chloroethoxy)methane	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Bis(2-chloroethyl)ether	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Bromophenyl-phenylether[4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Butylbenzylphthalate	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Cadmium	0.066	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Calcium	915	MG/KG	
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chloro-3-methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chloroaniline[4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chloronaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chlorophenol[2-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chromium	2.7	MG/KG	
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chromium hexavalent ion	0.42	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Chrysene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Cobalt	1.3	MG/KG	J
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Copper	0.68	MG/KG	J
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dibenz(a,h)anthracene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dibenzofuran	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dichlorobenzene[1,2-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dichlorobenzene[1,3-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dichlorobenzene[1,4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dichlorophenol[2,4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Diethylphthalate	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dimethyl Phthalate	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dimethylphenol[2,4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Di-n-butylphthalate	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dinitrobenzene[1,3-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dinitrophenol[2,4-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dinitrotoluene[2,4-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Dinitrotoluene[2,6-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Di-n-octylphthalate	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Fluoranthene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Fluorene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Hexachlorobenzene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Hexachlorobutadiene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Hexachlorocyclopentadiene	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Hexachloroethane	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	HMX	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Iron	5690	MG/KG	
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Isophorone	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Lead	3.8	MG/KG	J+
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Magnesium	504	MG/KG	J
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Manganese	95.3	MG/KG	J-
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Mercury	0.018	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Methylnaphthalene[2-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Methylphenol[2-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Methylphenol[4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Naphthalene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nickel	1.4	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitroaniline[2-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitroaniline[3-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitroaniline[4-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrobenzene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrobenzene	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrophenol[2-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrophenol[4-]	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrosodimethylamine[N-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrosodiphenylamine[N-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrotoluene[2-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrotoluene[3-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Nitrotoluene[4-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Pentachlorophenol	1.7	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Perchlorate	0.0756	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Phenanthrene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Phenol	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Potassium	570	MG/KG	
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Pyrene	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	RDX	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Selenium	0.21	MG/KG	UJ
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Silver	0.47	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Sodium	100	MG/KG	J
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Tetryl	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Thallium	0.052	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Trichlorophenol[2,4,5-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Trichlorophenol[2,4,6-]	0.35	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Trinitrobenzene[1,3,5-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Trinitrotoluene[2,4,6-]	0.26	MG/KG	U
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Vanadium	5.5	MG/KG	
MDA P	16-20782	0816-01-0045	2-3 FT	ALLH	Zinc	19.7	MG/KG	

MDA P	16-205570816-01-027118-18 FT	NA	Tetrachloroethane[1,1,2,2-]	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Tetrachloroethene	2.4	PPBV	
MDA P	16-205570816-01-027118-18 FT	NA	Tetrahydrofuran	3.5	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Toluene	60	PPBV	
MDA P	16-205570816-01-027118-18 FT	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Trichlorobenzene[1,2,4-]	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Trichloroethane[1,1,1-]	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Trichloroethane[1,1,2-]	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Trichloroethene	5.1	PPBV	
MDA P	16-205570816-01-027118-18 FT	NA	Trichlorofluoromethane	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Trimethylbenzene[1,2,4-]	3	PPBV	
MDA P	16-205570816-01-027118-18 FT	NA	Trimethylbenzene[1,3,5-]	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Vinyl acetate	3.5	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Vinyl Chloride	0.88	PPBV	U
MDA P	16-205570816-01-027118-18 FT	NA	Xylene[1,2-]	2.2	PPBV	
MDA P	16-205570816-01-027118-18 FT	NA	Xylene[1,3-]+Xylene[1,4-]	5.8	PPBV	

SAMPLE_ID	ANALYTE_NAM	ANALYTICAL_S	URI	URI_INT	SEQ_NUM	REQUEST_NUM	LAB_REPORT_	EXCAV_FLAG
0816-01-0125	Nitrophenol[4-]	SVOC	26301122	26301122	S:01579151	9259R		N
0816-01-0299	Acetone	VOC	27257292	27257292	8524	9464R		N
0816-01-0299	Benzene	VOC	27379522	27379522	106414	9464R		N
0816-01-0299	Bromobenzene	VOC	27379532	27379532	106415	9464R		N
0816-01-0299	Bromochlorom	VOC	27379542	27379542	106416	9464R		N
0816-01-0299	Bromodichloro	VOC	27379552	27379552	106417	9464R		N
0816-01-0299	Bromoform	VOC	27379562	27379562	106418	9464R		N
0816-01-0299	Bromomethane	VOC	27379572	27379572	106419	9464R		N
0816-01-0299	Butanone[2-]	VOC	27379462	27379462	106408	9464R		N
0816-01-0299	Butylbenzene[n	VOC	27379722	27379722	106434	9464R		N
0816-01-0299	Butylbenzene[s	VOC	27379752	27379752	106437	9464R		N
0816-01-0299	Butylbenzene[t	VOC	27379772	27379772	106439	9464R		N
0816-01-0299	Carbon Disulfid	VOC	27379582	27379582	106420	9464R		N
0816-01-0299	Carbon Tetrach	VOC	27379592	27379592	106421	9464R		N
0816-01-0299	Chlorobenzene	VOC	27379602	27379602	106422	9464R		N
0816-01-0299	Chlorodibromo	VOC	27379612	27379612	106423	9464R		N
0816-01-0299	Chloroethane	VOC	27379622	27379622	106424	9464R		N
0816-01-0299	Chloroform	VOC	27379632	27379632	106425	9464R		N
0816-01-0299	Chloromethane	VOC	27379642	27379642	106426	9464R		N
0816-01-0299	Chlorotoluene[	VOC	27379472	27379472	106409	9464R		N
0816-01-0299	Chlorotoluene[	VOC	27379492	27379492	106411	9464R		N
0816-01-0299	Dibromo-3-Chl	VOC	27379352	27379352	106397	9464R		N
0816-01-0299	Dibromoethane	VOC	27379362	27379362	106398	9464R		N
0816-01-0299	Dibromometha	VOC	27379662	27379662	106428	9464R		N
0816-01-0299	Dichlorobenzen	VOC	27379372	27379372	106399	9464R		N
0816-01-0299	Dichlorobenzen	VOC	27379422	27379422	106404	9464R		N
0816-01-0299	Dichlorobenzen	VOC	27379442	27379442	106406	9464R		N
0816-01-0299	Dichlorodifluoro	VOC	27379672	27379672	106429	9464R		N
0816-01-0299	Dichloroethane	VOC	27379302	27379302	106392	9464R		N
0816-01-0299	Dichloroethane	VOC	27379382	27379382	106400	9464R		N
0816-01-0299	Dichloroethene	VOC	27379312	27379312	106393	9464R		N
0816-01-0299	Dichloroethene	VOC	27379392	27379392	106401	9464R		N
0816-01-0299	Dichloropropan	VOC	27379402	27379402	106402	9464R		N

COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS	PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH
NA	SS	QC	Not Applicable		0	16-20521	0	12
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
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NA	SS	CLN	Not Applicable		0	16-20557	24	36
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NA	SS	CLN	Not Applicable		0	16-20557	24	36
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NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36

DEPTH_UNITS	FLD_MATRIX_C	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	PERCENT_MOI	IDL	MDL
IN	R	SD	QBT4	ORGANIC	100-02-7	17		
IN	R	SO	QBT3	ORGANIC	67-64-1	5.5		2.8
IN	R	SD	QBT3	ORGANIC	71-43-2	5.5		2
IN	R	SD	QBT3	ORGANIC	108-86-1	5.5		2
IN	R	SD	QBT3	ORGANIC	74-97-5	5.5		2.1
IN	R	SD	QBT3	ORGANIC	75-27-4	5.5		2.4
IN	R	SD	QBT3	ORGANIC	75-25-2	5.5		3.3
IN	R	SD	QBT3	ORGANIC	74-83-9	5.5		3.2
IN	R	SD	QBT3	ORGANIC	78-93-3	5.5		35
IN	R	SD	QBT3	ORGANIC	104-51-8	5.5		2.1
IN	R	SD	QBT3	ORGANIC	135-98-8	5.5		2.2
IN	R	SD	QBT3	ORGANIC	98-06-6	5.5		2.2
IN	R	SD	QBT3	ORGANIC	75-15-0	5.5		2.4
IN	R	SD	QBT3	ORGANIC	56-23-5	5.5		3.4
IN	R	SD	QBT3	ORGANIC	108-90-7	5.5		1.8
IN	R	SD	QBT3	ORGANIC	124-48-1	5.5		2
IN	R	SD	QBT3	ORGANIC	75-00-3	5.5		11
IN	R	SD	QBT3	ORGANIC	67-66-3	5.5		1.3
IN	R	SD	QBT3	ORGANIC	74-87-3	5.5		4.1
IN	R	SD	QBT3	ORGANIC	95-49-8	5.5		11
IN	R	SD	QBT3	ORGANIC	106-43-4	5.5		4.6
IN	R	SD	QBT3	ORGANIC	96-12-8	5.5		6.5
IN	R	SD	QBT3	ORGANIC	106-93-4	5.5		2.9
IN	R	SD	QBT3	ORGANIC	74-95-3	5.5		2.2
IN	R	SD	QBT3	ORGANIC	95-50-1	5.5		1.9
IN	R	SD	QBT3	ORGANIC	541-73-1	5.5		2.3
IN	R	SD	QBT3	ORGANIC	106-46-7	5.5		1.6
IN	R	SD	QBT3	ORGANIC	75-71-8	5.5		3.1
IN	R	SD	QBT3	ORGANIC	75-34-3	5.5		2
IN	R	SD	QBT3	ORGANIC	107-06-2	5.5		2.3
IN	R	SD	QBT3	ORGANIC	75-35-4	5.5		6.9
IN	R	SD	QBT3	ORGANIC	540-59-0	5.5		4.4
IN	R	SD	QBT3	ORGANIC	78-87-5	5.5		1.1

MDA	QUANT_LMT	DLC	DILUTION_FAC	TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_
			1		400		UG/KG	0.4
	21		1		430		UG/KG	0.43
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	53		5		53		UG/KG	0.053
	110		5		110		UG/KG	0.11
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		9.8		UG/KG	0.009800001
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	53		5		53		UG/KG	0.053
	26		5		2.9		UG/KG	0.0029
	53		5		53		UG/KG	0.053
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	53		5		53		UG/KG	0.053
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	53		5		53		UG/KG	0.053
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026

STD_UNCERTA	STD_REPORTI	FU4_QUAL	RFI_REASON_(	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	V4	E B	U	U		
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	J	J_LAB	J	J			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	V4	J B	U	U		
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			

LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
	SULAB					REPORTING		
	V4	V4				LEGACY	REPORTING	
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VJLAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	V4	V4				LEGACY	REPORTING	
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
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	VULAB					REPORTING		
	VULAB					REPORTING		

LANL_SET_TYP	LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANYL_METH_C	LAB_CODE	LAB_NAME	ANALYSIS_DAT	SHIPPING_DAT
		FD	CS	SW-846:8270	STSL	Severn Trent L	7/25/2001	7/12/2001
		NA	CS	SW-846:8260	STSL	Severn Trent L	8/10/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001

COLLECTION_	REMOVE
001 9:35:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
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01 10:20:00 AM	X
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01 10:20:00 AM	X

SAMPLE_ID	ANALYTE_NAM	ANALYTICAL_S	URI	URI_INT	SEQ_NUM	REQUEST_NUM	LAB_REPORT_	EXCAV_FLAG
0816-01-0299	Dichloropropan	VOC	27379432	27379432	106405	9464R		N
0816-01-0299	Dichloropropan	VOC	27379452	27379452	106407	9464R		N
0816-01-0299	Dichloropropen	VOC	27379322	27379322	106394	9464R		N
0816-01-0299	Dichloropropen	VOC	27379652	27379652	106427	9464R		N
0816-01-0299	Dichloropropen	VOC	27379802	27379802	106442	9464R		N
0816-01-0299	Ethylbenzene	VOC	27379682	27379682	106430	9464R		N
0816-01-0299	Hexanone[2-]	VOC	27379482	27379482	106410	9464R		N
0816-01-0299	Iodomethane	VOC	27379692	27379692	106431	9464R		N
0816-01-0299	Isopropylbenze	VOC	27379702	27379702	106432	9464R		N
0816-01-0299	Isopropyltoluen	VOC	27379742	27379742	106436	9464R		N
0816-01-0299	Methyl-2-penta	VOC	27379502	27379502	106412	9464R		N
0816-01-0299	Methylene Chlo	VOC	27379712	27379712	106433	9464R		N
0816-01-0299	Propylbenzene[	VOC	27379732	27379732	106435	9464R		N
0816-01-0299	Styrene	VOC	27379762	27379762	106438	9464R		N
0816-01-0299	Tetrachloroeth	VOC	27379262	27379262	106388	9464R		N
0816-01-0299	Tetrachloroeth	VOC	27379282	27379282	106390	9464R		N
0816-01-0299	Tetrachloroeth	VOC	27379782	27379782	106440	9464R		N
0816-01-0299	Toluene	VOC	27379792	27379792	106441	9464R		N
0816-01-0299	Trichloroethane	VOC	27379272	27379272	106389	9464R		N
0816-01-0299	Trichloroethane	VOC	27379292	27379292	106391	9464R		N
0816-01-0299	Trichloroethene	VOC	27379812	27379812	106443	9464R		N
0816-01-0299	Trichlorofluoro	VOC	27379822	27379822	106444	9464R		N
0816-01-0299	Trichloropropa	VOC	27379332	27379332	106395	9464R		N
0816-01-0299	Trimethylbenze	VOC	27379342	27379342	106396	9464R		N
0816-01-0299	Trimethylbenze	VOC	27379412	27379412	106403	9464R		N
0816-01-0299	Vinyl Chloride	VOC	27379842	27379842	106446	9464R		N
0816-01-0299	Xylene (Total)	VOC	27379852	27379852	106447	9464R		N
RE16-02-4543	Amino-2,6-dinit	HEXP	29967692	29967692	161786	672S		N
RE16-02-4543	Amino-4,6-dinit	HEXP	29967712	29967712	161788	672S		N
RE16-02-4543	Dinitrobenzene	HEXP	29967732	29967732	161790	672S		N
RE16-02-4543	Dinitrotoluene[	HEXP	29967752	29967752	161792	672S		N
RE16-02-4543	Dinitrotoluene[	HEXP	29967772	29967772	161794	672S		N
RE16-02-4543	HMX	HEXP	29967792	29967792	161796	672S		N

COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS	PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20557	24	36
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12

DEPTH_UNITS	FLD_MATRIX_C	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	PERCENT_MOI	IDL	MDL
IN	R	SD	QBT3	ORGANIC	142-28-9	5.5		1.3
IN	R	SD	QBT3	ORGANIC	594-20-7	5.5		5.8
IN	R	SD	QBT3	ORGANIC	563-58-6	5.5		1.8
IN	R	SD	QBT3	ORGANIC	10061-01-5	5.5		2.8
IN	R	SD	QBT3	ORGANIC	10061-02-6	5.5		1.6
IN	R	SD	QBT3	ORGANIC	100-41-4	5.5		4.7
IN	R	SD	QBT3	ORGANIC	591-78-6	5.5		8.8
IN	R	SD	QBT3	ORGANIC	74-88-4	5.5		3.7
IN	R	SD	QBT3	ORGANIC	98-82-8	5.5		3.7
IN	R	SD	QBT3	ORGANIC	99-87-6	5.5		2.9
IN	R	SD	QBT3	ORGANIC	108-10-1	5.5		6.7
IN	R	SD	QBT3	ORGANIC	75-09-2	5.5		2.8
IN	R	SD	QBT3	ORGANIC	103-65-1	5.5		1.3
IN	R	SD	QBT3	ORGANIC	100-42-5	5.5		2
IN	R	SD	QBT3	ORGANIC	630-20-6	5.5		2
IN	R	SD	QBT3	ORGANIC	79-34-5	5.5		2.3
IN	R	SD	QBT3	ORGANIC	127-18-4	5.5		1.9
IN	R	SD	QBT3	ORGANIC	108-88-3	5.5		2.9
IN	R	SD	QBT3	ORGANIC	71-55-6	5.5		2.3
IN	R	SD	QBT3	ORGANIC	79-00-5	5.5		2.3
IN	R	SD	QBT3	ORGANIC	79-01-6	5.5		1.6
IN	R	SD	QBT3	ORGANIC	75-69-4	5.5		3.7
IN	R	SD	QBT3	ORGANIC	96-18-4	5.5		4
IN	R	SD	QBT3	ORGANIC	95-63-6	5.5		2.2
IN	R	SD	QBT3	ORGANIC	108-67-8	5.5		1.3
IN	R	SD	QBT3	ORGANIC	75-01-4	5.5		4.2
IN	R	SD	QBT3	ORGANIC	1330-20-7	5.5		5.7
IN	S	SD	ALLH	ORGANIC	19406-51-0	3.2		130
IN	S	SD	ALLH	ORGANIC	35572-78-2	3.2		120
IN	S	SD	ALLH	ORGANIC	99-65-0	3.2		100
IN	S	SD	ALLH	ORGANIC	121-14-2	3.2		78
IN	S	SD	ALLH	ORGANIC	606-20-2	3.2		130
IN	S	SD	ALLH	ORGANIC	2691-41-0	3.2		440

MDA	QUANT_LMT	DLC	DILUTION_FAC	TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	110		5		110		UG/KG	0.11
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	110		5		110		UG/KG	0.11
	26		5		14		UG/KG	0.014
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	53		5		53		UG/KG	0.053
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	26		5		26		UG/KG	0.026
	770		3		770		UG/KG	0.77
	770		3		190		UG/KG	0.19
	770		3		770		UG/KG	0.77
	770		3		770		UG/KG	0.77
	770		3		770		UG/KG	0.77
	770		3		5000		UG/KG	5

STD_UNCERTA	STD_REPORTI	FU4_QUAL	RFI_REASON_(	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	V4	J B	U	U		
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	J	J_LAB	J	J			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	NQ	NQ		NQ			

LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	V4	V4				LEGACY	REPORTING	
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
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	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	VULAB					REPORTING		
	HULAB					REPORTING		
	HEQLM					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HNONE					REPORTING		

LANL_SET_TYP	LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANYL_METH_C	LAB_CODE	LAB_NAME	ANALYSIS_DAT	SHIPPING_DAT
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8260	STSL	Severn Trent L	8/13/2001	7/31/2001
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002

COLLECTION_	REMOVE
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
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01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
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01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
01 10:20:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X

SAMPLE_ID	ANALYTE_NAM	ANALYTICAL_S	URI	URI_INT	SEQ_NUM	REQUEST_NUM	LAB_REPORT_	EXCAV_FLAG
RE16-02-4543	Nitrobenzene	HEXP	29967812	29967812	161798	672S		N
RE16-02-4543	Nitrotoluene[2-]	HEXP	29967832	29967832	161800	672S		N
RE16-02-4543	Nitrotoluene[3-]	HEXP	29967852	29967852	161802	672S		N
RE16-02-4543	Nitrotoluene[4-]	HEXP	29967872	29967872	161804	672S		N
RE16-02-4543	RDX	HEXP	29967882	29967882	161805	672S		N
RE16-02-4543	Tetryl	HEXP	29967912	29967912	161808	672S		N
RE16-02-4543	Trinitrobenzene	HEXP	29967932	29967932	161810	672S		N
RE16-02-4543	Trinitrotoluene[	HEXP	29967952	29967952	161812	672S		N
RE16-02-4543	Amino-2,6-dinit	HEXP	29968112	29968112	161828	672S		N
RE16-02-4543	Amino-4,6-dinit	HEXP	29968132	29968132	161830	672S		N
RE16-02-4543	Dinitrobenzene	HEXP	29968152	29968152	161832	672S		N
RE16-02-4543	Dinitrotoluene[	HEXP	29968172	29968172	161834	672S		N
RE16-02-4543	Dinitrotoluene[	HEXP	29968192	29968192	161836	672S		N
RE16-02-4543	HMX	HEXP	29968202	29968202	161837	672S		N
RE16-02-4543	Nitrobenzene	HEXP	29968232	29968232	161840	672S		N
RE16-02-4543	Nitrotoluene[2-]	HEXP	29968252	29968252	161842	672S		N
RE16-02-4543	Nitrotoluene[3-]	HEXP	29968272	29968272	161844	672S		N
RE16-02-4543	Nitrotoluene[4-]	HEXP	29968292	29968292	161846	672S		N
RE16-02-4543	RDX	HEXP	29968302	29968302	161847	672S		N
RE16-02-4543	Tetryl	HEXP	29968332	29968332	161850	672S		N
RE16-02-4543	Trinitrobenzene	HEXP	29968352	29968352	161852	672S		N
RE16-02-4543	Trinitrotoluene[	HEXP	29968372	29968372	161854	672S		N

COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS	PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20670	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12
NA	SS	CLN	Not Applicable		0	16-20232	0	12

DEPTH_UNITS	FLD_MATRIX_C	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	PERCENT_MOI	IDL	MDL
IN	S	SD	ALLH	ORGANIC	98-95-3	3.2		98
IN	S	SD	ALLH	ORGANIC	88-72-2	3.2		61
IN	S	SD	ALLH	ORGANIC	99-08-1	3.2		93
IN	S	SD	ALLH	ORGANIC	99-99-0	3.2		87
IN	S	SD	ALLH	ORGANIC	121-82-4	3.2		73
IN	S	SD	ALLH	ORGANIC	479-45-8	3.2		220
IN	S	SD	ALLH	ORGANIC	99-35-4	3.2		52
IN	S	SD	ALLH	ORGANIC	118-96-7	3.2		60
IN	S	SD	ALLH	ORGANIC	19406-51-0	11		230
IN	S	SD	ALLH	ORGANIC	35572-78-2	11		210
IN	S	SD	ALLH	ORGANIC	99-65-0	11		180
IN	S	SD	ALLH	ORGANIC	121-14-2	11		140
IN	S	SD	ALLH	ORGANIC	606-20-2	11		230
IN	S	SD	ALLH	ORGANIC	2691-41-0	11		160
IN	S	SD	ALLH	ORGANIC	98-95-3	11		180
IN	S	SD	ALLH	ORGANIC	88-72-2	11		110
IN	S	SD	ALLH	ORGANIC	99-08-1	11		170
IN	S	SD	ALLH	ORGANIC	99-99-0	11		160
IN	S	SD	ALLH	ORGANIC	121-82-4	11		80
IN	S	SD	ALLH	ORGANIC	479-45-8	11		400
IN	S	SD	ALLH	ORGANIC	99-35-4	11		95
IN	S	SD	ALLH	ORGANIC	118-96-7	11		110

MDA	QUANT_LMT	DLC	DILUTION_FAC	TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_
	770		3		770		UG/KG	0.77
	770		3		770		UG/KG	0.77
	770		3		770		UG/KG	0.77
	770		3		770		UG/KG	0.77
	260		1		19000		UG/KG	19
	770		3		770		UG/KG	0.77
	770		3		770		UG/KG	0.77
	770		3		770		UG/KG	0.77
	1400		5		840		UG/KG	0.84
	1400		5		920		UG/KG	0.92
	1400		5		1400		UG/KG	1.4
	1400		5		1400		UG/KG	1.4
	1400		5		1400		UG/KG	1.4
	280		1		16000		UG/KG	16
	1400		5		1400		UG/KG	1.4
	1400		5		1400		UG/KG	1.4
	1400		5		1400		UG/KG	1.4
	1400		5		1400		UG/KG	1.4
	280		1		37000		UG/KG	37
	1400		5		1400		UG/KG	1.4
	1400		5		1400		UG/KG	1.4
	1400		5		380		UG/KG	0.38

STD_UNCERTA	STD_REPORTI	FU4_QUAL	RFI_REASON_(	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	NQ	NQ	E	NQ			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	J	J_LAB	J	J			
	MG/KG	J	J_LAB	J	J			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	NQ	NQ	E	NQ			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	NQ	NQ	E	NQ			
	MG/KG	U	U_LAB	U	U			
	MG/KG	U	U_LAB	U	U			
	MG/KG	J	J_LAB	J	J			

LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
	HULAB					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HNONE					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HEQLM					REPORTING		
	HEQLM					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HNONE					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HNONE					REPORTING		
	HULAB					REPORTING		
	HULAB					REPORTING		
	HEQLM					REPORTING		

LANL_SET_TYP	LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANYL_METH_C	LAB_CODE	LAB_NAME	ANALYSIS_DAT	SHIPPING_DAT
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	CS	SW-846:8330	STSL	Severn Trent L	4/2/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	CS	SW-846:8330	STSL	Severn Trent L	4/2/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	CS	SW-846:8330	STSL	Severn Trent L	4/2/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002
		NA	DL	SW-846:8330	STSL	Severn Trent L	4/3/2002	3/21/2002

COLLECTION_	REMOVE
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 9:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X
002 8:30:00 AM	X

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27778752	27778752	17141	9423R	0816-01-0254	
27778862	27778862	17176	9423R	0816-01-0254	
27792082	27792082	40375	9423R	0816-01-0254	
27792202	27792202	40652	9423R	0816-01-0254	
27792312	27792312	40768	9423R	0816-01-0254	
27792322	27792322	40783	9423R	0816-01-0253	
27792342	27792342	40792	9423R	0816-01-0253	
27792372	27792372	40849	9423R	0816-01-0253	
27792402	27792402	40945	9423R	0816-01-0253	
27778082	27778082	16936	9423R	0816-01-0255	
27778122	27778122	16956	9423R	0816-01-0255	
27778202	27778202	16989	9423R	0816-01-0255	
27778352	27778352	17030	9423R	0816-01-0255	
27778372	27778372	17034	9423R	0816-01-0255	
27778392	27778392	17043	9423R	0816-01-0255	
27778482	27778482	17068	9423R	0816-01-0255	
27778822	27778822	17167	9423R	0816-01-0255	
27767112	27767112	6674	9423R	0816-01-0256	
27767122	27767122	6675	9423R	0816-01-0256	
27767142	27767142	6698	9423R	0816-01-0256	
27767182	27767182	6756	9423R	0816-01-0256	
27767192	27767192	6766	9423R	0816-01-0256	
27767202	27767202	6780	9423R	0816-01-0256	
27767232	27767232	6798	9423R	0816-01-0256	
27807452	27807452	106456	9423R	0816-01-0256	
27789902	27789902	38151	9423R	0816-01-0249	
27790072	27790072	38210	9423R	0816-01-0249	
27790302	27790302	38309	9423R	0816-01-0249	
27790382	27790382	38355	9423R	0816-01-0249	
27790392	27790392	38359	9423R	0816-01-0249	
27790562	27790562	38450	9423R	0816-01-0249	
27790592	27790592	38469	9423R	0816-01-0249	
27778242	27778242	17003	9423R	0816-01-0250	
27778402	27778402	17045	9423R	0816-01-0250	
27778442	27778442	17055	9423R	0816-01-0250	
27778452	27778452	17060	9423R	0816-01-0250	
27778552	27778552	17091	9423R	0816-01-0250	
27778582	27778582	17098	9423R	0816-01-0250	
27778632	27778632	17110	9423R	0816-01-0250	
27779092	27779092	17259	9423R	0816-01-0250	
27777632	27777632	15530	9423R	0816-01-0251	
27777642	27777642	15536	9423R	0816-01-0251	
27777692	27777692	15554	9423R	0816-01-0251	
27777742	27777742	15613	9423R	0816-01-0251	
27777802	27777802	15678	9423R	0816-01-0251	
27777862	27777862	15742	9423R	0816-01-0251	

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG_	FIELD_PREP	PRS
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20694	10	10	FT	R
0	16-20694	10	10	FT	R
0	16-20694	10	10	FT	R
0	16-20694	10	10	FT	R
0	16-20694	10	10	FT	R
0	16-20694T	24	36	IN	R
0	16-20694T	24	36	IN	R
0	16-20694T	24	36	IN	R
0	16-20694T	24	36	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702T	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20702	0	12	IN	R
0	16-20741	5	5	FT	R
0	16-20741	5	5	FT	R
0	16-20741	5	5	FT	R
0	16-20741	5	5	FT	R
0	16-20741	5	5	FT	R
0	16-20741	5	5	FT	R
0	16-20741	5	5	FT	R
0	16-20741	24	36	IN	R
0	16-20741	24	36	IN	R
0	16-20741	24	36	IN	R
0	16-20741	24	36	IN	R
0	16-20741	24	36	IN	R
0	16-20741	24	36	IN	R
0	16-20741	24	36	IN	R
0	16-20741	24	36	IN	R
0	16-20661	24	36	IN	R
0	16-20661	24	36	IN	R
0	16-20661	24	36	IN	R
0	16-20661	24	36	IN	R
0	16-20661	24	36	IN	R
0	16-20661	24	36	IN	R

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
W	ALLH	INORGANIC	CR	Chromium	
W	ALLH	INORGANIC	AG	Silver	
W	ALLH	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	HG	Mercury	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	SE	Selenium	
W	ALLH	INORGANIC	HG	Mercury	
W	ALLH	INORGANIC	AG	Silver	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	CR	Chromium	
W	QBT4	INORGANIC	AS	Arsenic	
W	QBT4	INORGANIC	SE	Selenium	
W	QBT4	INORGANIC	CR	Chromium	
W	QBT4	INORGANIC	PB	Lead	
W	QBT4	INORGANIC	AG	Silver	
W	QBT4	INORGANIC	HG	Mercury	
W	QBT4	INORGANIC	CD	Cadmium	
W	QBT4	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	CD	Cadmium	1
W	ALLH	INORGANIC	CR	Chromium	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	HG	Mercury	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	AG	Silver	
W	ALLH	INORGANIC	AG	Silver	
W	ALLH	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	CR	Chromium	
W	ALLH	INORGANIC	SE	Selenium	
W	ALLH	INORGANIC	HG	Mercury	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	CR	Chromium	
W	ALLH	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	SE	Selenium	
W	ALLH	INORGANIC	AG	Silver	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
1.4			250		1
3			250		1
0.38			125		1
9			500		1
3.5			750		1
3.5			750		1
0.38			125		1
9			500		1
0.5					1
9			500		1
0.38			125		1
3.5			750		1
3			125		1
0.5					1
3			250		1
1.9			250		1
1.4			250		1
3.5			750		1
3			125		1
1.4			250		1
1.9			250		1
3			250		1
0.5					1
0.38			125		1
18			1000		2
0.38			125		1
1.4			250		1
3.5			750		1
1.9			250		1
0.5					1
9			500		1
3			250		1
3			250		1
0.38			125		1
3.5			750		1
1.4			250		1
3			125		1
0.5					1
9			500		1
1.9			250		1
3.5			750		1
1.4			250		1
0.38			125		1
9			500		1
3			125		1
3			250		1

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	4.5		UG/L	4.5	
	3		UG/L	3	
	0.45		UG/L	0.45	
	995		UG/L	995	
	3.5		UG/L	3.5	
	3.5		UG/L	3.5	
	1.3		UG/L	1.3	
	2120		UG/L	2120	
	0.5		UG/L	0.5	
	10100		UG/L	10100	
	0.63		UG/L	0.63	
	3.5		UG/L	3.5	
	3		UG/L	3	
	0.5		UG/L	0.5	
	3		UG/L	3	
	15.5		UG/L	15.5	
	2.6		UG/L	2.6	
	3.5		UG/L	3.5	
	3		UG/L	3	
	3		UG/L	3	
	32.8		UG/L	32.8	
	3		UG/L	3	
	0.5		UG/L	0.5	
	4.9		UG/L	4.9	
	13400		UG/L	13400	
	0.38		UG/L	0.38	
	2.9		UG/L	2.9	
	3.5		UG/L	3.5	
	19.2		UG/L	19.2	
	0.5		UG/L	0.5	
	10900		UG/L	10900	
	3		UG/L	3	
	3		UG/L	3	
	0.38		UG/L	0.38	
	3.5		UG/L	3.5	
	4.8		UG/L	4.8	
	3		UG/L	3	
	0.5		UG/L	0.5	
	6610		UG/L	6610	
	13.8		UG/L	13.8	
	3.5		UG/L	3.5	
	2.2		UG/L	2.2	
	0.38		UG/L	0.38	
	1820		UG/L	1820	
	3.5		UG/L	3.5	
	3		UG/L	3	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	NQ	INONE		NQ	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	NQ	INONE		NQ	
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE		NQ	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	UJ	I3E	U	UJ	UJ
UG/L	J	I1	B	J	J
UG/L	NQ	INONE		NQ	
UG/L	J	I1	B	J	J
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE		NQ	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE		NQ	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE		NQ	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			I1	I1	
			IULAB		
			I1	I1	
			INONE		
			IULAB		
			IULAB		
			I1	I1	
			INONE		
			IULAB		
			INONE		
			I1	I1	
			IULAB		
			IULAB		
			IULAB		
			IULAB		
			I5	I5	
			I1	I1	
			IULAB		
			IULAB		
			I1	I1	
			I1	I1	
			IULAB		
			I3e	I3E	
			I1	I1	
			INONE		
			I1	I1	
			I1	I1	
			IULAB		
			I5	I5	
			IULAB		
			INONE		
			IULAB		
			IULAB		
			IULAB		
			IULAB		
			I1	I1	
			IULAB		
			IULAB		
			INONE		
			I5	I5	
			IULAB		
			I1	I1	
			IULAB		
			INONE		
			I5	I5	
			IULAB		

LANL_QUALIFI	LANL_QUALIFI	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
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		LEGACY	REPORTING		
		LEGACY	REPORTING		
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		LEGACY	REPORTING		
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		LEGACY	REPORTING		
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		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
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		REPORTING			

LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
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	FD	CS	METALS	SW-846:6010	STSL
	FD	CS	METALS	SW-846:7470	STSL
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	FD	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_
Severn Trent L	8/18/2001	7/25/2001	01 10:20:00 AM
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Severn Trent L	8/18/2001	7/25/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/8/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/8/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/13/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/20/2001	7/25/2001	01 11:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/8/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/8/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:00:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:15:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:15:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:15:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:15:00 AM
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Severn Trent L	8/18/2001	7/25/2001	001 9:15:00 AM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
27777872	27777872	15763	9423R	0816-01-0251	
27777932	27777932	15882	9423R	0816-01-0251	
27777342	27777342	15328	9423R	0816-01-0252	
27777392	27777392	15359	9423R	0816-01-0252	
27777412	27777412	15409	9423R	0816-01-0252	
27777452	27777452	15424	9423R	0816-01-0252	
27777522	27777522	15473	9423R	0816-01-0252	
27777532	27777532	15474	9423R	0816-01-0252	
27777542	27777542	15497	9423R	0816-01-0252	
27777702	27777702	15562	9423R	0816-01-0252	
27792112	27792112	40440	9423R	0816-01-0253	
27792152	27792152	40590	9423R	0816-01-0253	
27792182	27792182	40636	9423R	0816-01-0253	
27792272	27792272	40737	9423R	0816-01-0253	
27778092	27778092	16944	9423R	0816-01-0254	
27778322	27778322	17020	9423R	0816-01-0254	
27778422	27778422	17051	9423R	0816-01-0254	
27789392	27789392	37826	9423R	0816-01-0249	
27609132	27609132	38444	9466R	0816-01-0298	
27609382	27609382	38523	9466R	0816-01-0298	
27609622	27609622	38596	9466R	0816-01-0298	
27609712	27609712	38622	9466R	0816-01-0298	
27609912	27609912	38724	9466R	0816-01-0298	
27609962	27609962	38762	9466R	0816-01-0298	
27610012	27610012	38782	9466R	0816-01-0298	
27610152	27610152	38842	9466R	0816-01-0298	
27581812	27581812	24645	9466R	0816-01-0299	
27581852	27581852	24744	9466R	0816-01-0299	
27608782	27608782	38226	9466R	0816-01-0299	
27609562	27609562	38576	9466R	0816-01-0299	
27609832	27609832	38679	9466R	0816-01-0299	
27610032	27610032	38788	9466R	0816-01-0299	
27581532	27581532	24460	9466R	0816-01-0299	
27581752	27581752	24583	9466R	0816-01-0299	
27588042	27588042	28071	9299R	0816-01-0295	
27588062	27588062	28081	9299R	0816-01-0295	
27588082	27588082	28085	9299R	0816-01-0295	
27588152	27588152	28120	9299R	0816-01-0295	
27588182	27588182	28139	9299R	0816-01-0295	
27588202	27588202	28158	9299R	0816-01-0295	
27588242	27588242	28181	9299R	0816-01-0295	
27588302	27588302	28232	9299R	0816-01-0295	
26269112	26269112	S01510809	9208R	0816-01-0294	F1G060204
26269122	26269122	S01510810	9208R	0816-01-0294	F1G060204
26269132	26269132	S01510811	9208R	0816-01-0294	F1G060204
26269142	26269142	S01510812	9208R	0816-01-0294	F1G060204

EXCAV_FLAG	COMPOS_TYPI	SAMPLE_TECH	SAMPLE_USG_	FIELD_PREP	PRS
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
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N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
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N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20661	24	36	IN	R
0	16-20661	24	36	IN	R
0	16-20661	6	7	FT	R
0	16-20661	6	7	FT	R
0	16-20661	6	7	FT	R
0	16-20661	6	7	FT	R
0	16-20661	6	7	FT	R
0	16-20661	6	7	FT	R
0	16-20661	6	7	FT	R
0	16-20661	6	7	FT	R
0	16-20694T	24	36	IN	R
0	16-20694T	24	36	IN	R
0	16-20694T	24	36	IN	R
0	16-20694T	24	36	IN	R
0	16-20694	10	10	FT	R
0	16-20694	10	10	FT	R
0	16-20694	10	10	FT	R
0	16-20741	5	5	FT	R
0	16-20557	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	0	12	IN	R
0	16-20557	24	36	IN	R
0	16-20557	24	36	IN	R
0	16-20557	24	36	IN	R
0	16-20557	24	36	IN	R
0	16-20557	24	36	IN	R
0	16-20557	24	36	IN	R
0	16-20557	24	36	IN	R
0	16-20557	24	36	IN	R
0	16-20516	0	12	IN	S
0	16-20516	0	12	IN	S
0	16-20516	0	12	IN	S
0	16-20516	0	12	IN	S
0	16-20516	0	12	IN	S
0	16-20516	0	12	IN	S
0	16-20516	0	12	IN	S
0	16-20516	0	12	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
W	ALLH	INORGANIC	HG	Mercury	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	HG	Mercury	
W	ALLH	INORGANIC	AG	Silver	
W	ALLH	INORGANIC	SE	Selenium	
W	ALLH	INORGANIC	CR	Chromium	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	CR	Chromium	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	SE	Selenium	
W	ALLH	INORGANIC	AG	Silver	
W	ALLH	INORGANIC	SE	Selenium	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	HG	Mercury	
W	ALLH	INORGANIC	SE	Selenium	
W	QBT3	INORGANIC	PB	Lead	
W	QBT3	INORGANIC	SE	Selenium	
W	QBT3	INORGANIC	HG	Mercury	
W	QBT3	INORGANIC	AS	Arsenic	
W	QBT3	INORGANIC	BA	Barium	
W	QBT3	INORGANIC	CR	Chromium	
W	QBT3	INORGANIC	CD	Cadmium	
W	QBT3	INORGANIC	AG	Silver	
W	QBT3	INORGANIC	SE	Selenium	
W	QBT3	INORGANIC	PB	Lead	
W	QBT3	INORGANIC	AS	Arsenic	
W	QBT3	INORGANIC	CD	Cadmium	
W	QBT3	INORGANIC	CR	Chromium	
W	QBT3	INORGANIC	BA	Barium	
W	QBT3	INORGANIC	AG	Silver	
W	QBT3	INORGANIC	HG	Mercury	
W	QBT3	INORGANIC	AG	Silver	
W	QBT3	INORGANIC	CD	Cadmium	
W	QBT3	INORGANIC	BA	Barium	
W	QBT3	INORGANIC	PB	Lead	
W	QBT3	INORGANIC	AS	Arsenic	
W	QBT3	INORGANIC	CR	Chromium	
W	QBT3	INORGANIC	HG	Mercury	
W	QBT3	INORGANIC	SE	Selenium	
SO	FILL	INORGANIC	AS	Arsenic	
SO	FILL	INORGANIC	BA	Barium	
SO	FILL	INORGANIC	CD	Cadmium	
SO	FILL	INORGANIC	CR	Chromium	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
0.5					1
1.9			250		1
0.5					1
3			250		1
3			125		1
1.4			250		1
9			500		1
1.9			250		1
0.38			125		1
3.5			750		1
1.4			250		1
1.9			250		1
3			125		1
3			250		1
3			125		1
1.9			250		1
0.5					1
3			125		1
1.9			250		1
3			125		1
0.018			0.036		1
3.5			750		1
9			500		2.5
1.4			250		1
0.38			125		1
3			250		1
3			1.25		1
1.9			250		1
3.5			750		1
0.38			125		1
1.4			250		1
9			500		1
3			250		1
0.5			1		1
3			250		1
0.38			125		1
9			500		1
1.9			250		1
3.5			750		1
1.4			250		1
					1
3			125		1
					1
					1
					1
					1

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	0.5		UG/L	0.5	
	16.5		UG/L	16.5	
	0.5		UG/L	0.5	
	3		UG/L	3	
	3.9		UG/L	3.9	
	1.4		UG/L	1.4	
	173		UG/L	173	
	13.7		UG/L	13.7	
	0.45		UG/L	0.45	
	3.5		UG/L	3.5	
	4.4		UG/L	4.4	
	13		UG/L	13	
	3.6		UG/L	3.6	
	3		UG/L	3	
	3		UG/L	3	
	12.1		UG/L	12.1	
	0.5		UG/L	0.5	
	3.5		UG/L	3.5	
	14.4		UG/L	14.4	
	3.1		UG/L	3.1	
	0.5		UG/L	0.5	
	3.5		UG/L	3.5	
	10200		UG/L	10200	
	1.4		UG/L	1.4	
	7.9		UG/L	7.9	
	3		UG/L	3	
	4.2		UG/L	4.2	
	15.5		UG/L	15.5	
	3.5		UG/L	3.5	
	8.3		UG/L	8.3	
	1.4		UG/L	1.4	
	7660		UG/L	7660	
	3		UG/L	3	
	0.5		UG/L	0.5	
	3		UG/L	3	
	0.38		UG/L	0.38	
	235		UG/L	235	
	207		UG/L	207	
	3.5		UG/L	3.5	
	3		UG/L	3	
	0.035		UG/L	0.035	
	4.3		UG/L	4.3	
	4.7		UG/L	4.7	
	14400		UG/L	14400	
	0.63		UG/L	0.63	
	16.4		UG/L	16.4	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	I5	B	U	U
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	I5	B	U	U
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	U	I5	B	U	U
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE		NQ	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE		NQ	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	I5	B	U	U
UG/L	J	I1	B	J	J
UG/L	NQ	INONE	N	NQ	
UG/L	J	I1	B	J	J
UG/L	J	I1	B	J	J

LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII	LANL_QUALIFII
			IULAB		
			I5	I5	
			IULAB		
			IULAB		
			I5	I5	
			IULAB		
			I1	I1	
			I5	I5	
			I1	I1	
			IULAB		
			I1	I1	
			I5	I5	
			I5	I5	
			IULAB		
			IULAB		
			I5	I5	
			IULAB		
			I5	I5	
			I5	I5	
			I5	I5	
			IULAB		
			IULAB		
			INONE		
			IULAB		
			I1	I1	
			IULAB		
			I5	I5	
			I5	I5	
			IULAB		
			I1	I1	
			IULAB		
			INONE		
			IULAB		
			IULAB		
			IULAB		
			IULAB		
			I1	I1	
			I1	I1	
			IULAB		
			I1	I1	
			IULAB		
			I5	I5	
			I1	I1	
			INONE		
			I1	I1	
			I1	I1	

LANL_QUALIFII	LANL_QUALIFII	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP	LANL_SET_TYP
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		REPORTING			
		REPORTING			
		REPORTING			
		REPORTING			
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		
		REPORTING			
		LEGACY	REPORTING		
		LEGACY	REPORTING		

LANL_SET_TYP	FIELD_QC_TYP	SAMPLE_TYPE	ANALYTICAL_S	ANYL_METH_C	LAB_CODE
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:7470	STSL
	NA	CS	METALS	SW-846:6010	STSL
	NA	CS	METALS	SW-846:6010B	STSL
	NA	CS	METALS	SW-846:6010B	STSL
	NA	CS	METALS	SW-846:6010B	STSL
	NA	CS	METALS	SW-846:6010B	STSL

LAB_NAME	ANALYSIS_DA	SHIPPING_DAT	COLLECTION_
Severn Trent L	8/8/2001	7/25/2001	001 9:15:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:15:00 AM
Severn Trent L	8/8/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:30:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 9:50:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/25/2001	01 10:20:00 AM
Severn Trent L	8/8/2001	7/25/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/25/2001	001 8:45:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/13/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:15:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	8/18/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	8/13/2001	7/31/2001	01 10:20:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/20/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:25:00 AM
Severn Trent L	7/27/2001	7/5/2001	01 10:50:00 AM
Severn Trent L	7/27/2001	7/5/2001	01 10:50:00 AM
Severn Trent L	7/27/2001	7/5/2001	01 10:50:00 AM
Severn Trent L	7/27/2001	7/5/2001	01 10:50:00 AM

URI	URI_INT	SEQ_NUM	REQUEST_NUM	SAMPLE_ID	LAB_REPORT_
26269152	26269152	S01510813	9208R	0816-01-0294	F1G060204
26269162	26269162	S01510814	9208R	0816-01-0294	F1G060204
26269172	26269172	S01510815	9208R	0816-01-0294	F1G060204
26269182	26269182	S01510818	9208R	0816-01-0294	F1G060204
27034552	27034552	S01525296	9276R	0816-01-0297	F1G170168
27034562	27034562	S01525297	9276R	0816-01-0297	F1G170168
27034572	27034572	S01525298	9276R	0816-01-0297	F1G170168
27034582	27034582	S01525299	9276R	0816-01-0297	F1G170168
27034592	27034592	S01525300	9276R	0816-01-0297	F1G170168
27034602	27034602	S01525301	9276R	0816-01-0297	F1G170168
27034612	27034612	S01525302	9276R	0816-01-0297	F1G170168
27034622	27034622	S01525305	9276R	0816-01-0297	F1G170168
26269192	26269192	S01510788	9208R	0816-01-0289	F1G060204
26269202	26269202	S01510789	9208R	0816-01-0289	F1G060204
26269212	26269212	S01510790	9208R	0816-01-0289	F1G060204
26269222	26269222	S01510791	9208R	0816-01-0289	F1G060204
26269242	26269242	S01510793	9208R	0816-01-0289	F1G060204
26269232	26269232	S01510792	9208R	0816-01-0289	F1G060204
26269052	26269052	S01510800	9208R	0816-01-0293	F1G060204
26269062	26269062	S01510801	9208R	0816-01-0293	F1G060204
26269072	26269072	S01510802	9208R	0816-01-0293	F1G060204
26269082	26269082	S01510803	9208R	0816-01-0293	F1G060204
26269092	26269092	S01510804	9208R	0816-01-0293	F1G060204
26269102	26269102	S01510807	9208R	0816-01-0293	F1G060204
26269262	26269262	S01510798	9208R	0816-01-0293	F1G060204
26269272	26269272	S01510799	9208R	0816-01-0293	F1G060204
26269252	26269252	S01510796	9208R	0816-01-0289	F1G060204
26269282	26269282	S:01551645	9208R	0816-01-0289	F1G060204
27767672	27767672	7489	9423R	0816-01-0257	
27767962	27767962	7726	9423R	0816-01-0257	
27767992	27767992	7741	9423R	0816-01-0257	
27768002	27768002	7743	9423R	0816-01-0257	
27766952	27766952	6583	9423R	0816-01-0258	
27766962	27766962	6584	9423R	0816-01-0258	
27767022	27767022	6634	9423R	0816-01-0258	
27767052	27767052	6652	9423R	0816-01-0258	
27767082	27767082	6661	9423R	0816-01-0258	
27767092	27767092	6664	9423R	0816-01-0258	
27767172	27767172	6753	9423R	0816-01-0258	
27767222	27767222	6797	9423R	0816-01-0258	
27767772	27767772	7525	9423R	0816-01-0257	
27767822	27767822	7556	9423R	0816-01-0257	
27767862	27767862	7612	9423R	0816-01-0257	
27767912	27767912	7693	9423R	0816-01-0257	

EXCAV_FLAG	COMPOS_TYP	SAMPLE_TECH	SAMPLE_USG	FIELD_PREP	PRS
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	HA	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
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N	NA	SS	CLN	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
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N	NA	SS	QC	Not Applicable	
N	NA	SS	QC	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	
N	NA	SS	CLN	Not Applicable	

PRS_ORDER	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_C
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20002	0	6	IN	S
0	16-20516	24	36	IN	R
0	16-20516	24	36	IN	R
0	16-20516	24	36	IN	R
0	16-20516	24	36	IN	R
0	16-20516	24	36	IN	R
0	16-20516	24	36	IN	R
0	16-20516	24	36	IN	R
0	16-20516	24	36	IN	R
0	16-20189	0	6	IN	S
0	16-20189	0	6	IN	S
0	16-20189	0	6	IN	S
0	16-20189	0	6	IN	S
0	16-20189	0	6	IN	S
0	16-20189	0	6	IN	S
0	16-20316	0	6	IN	S
0	16-20316	0	6	IN	S
0	16-20316	0	6	IN	S
0	16-20316	0	6	IN	S
0	16-20316	0	6	IN	S
0	16-20316	0	6	IN	S
0	16-20316	0	6	IN	S
0	16-20189	0	6	IN	S
0	16-20189	0	6	IN	S
0	16-20702	4	5	FT	R
0	16-20702	4	5	FT	R
0	16-20702	4	5	FT	R
0	16-20702	4	5	FT	R
0	16-20702	48	60	IN	R
0	16-20702	48	60	IN	R
0	16-20702	48	60	IN	R
0	16-20702	48	60	IN	R
0	16-20702	48	60	IN	R
0	16-20702	48	60	IN	R
0	16-20702	48	60	IN	R
0	16-20702	4	5	FT	R
0	16-20702	4	5	FT	R
0	16-20702	4	5	FT	R
0	16-20702	4	5	FT	R

MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_COD	ANALYTE_NAM	PERCENT_MOI
SO	FILL	INORGANIC	PB	Lead	
SO	FILL	INORGANIC	SE	Selenium	
SO	FILL	INORGANIC	AG	Silver	
SO	FILL	INORGANIC	HG	Mercury	
EX	QBT4	INORGANIC	AS	Arsenic	11
EX	QBT4	INORGANIC	BA	Barium	
EX	QBT4	INORGANIC	CD	Cadmium	
EX	QBT4	INORGANIC	CR	Chromium	
EX	QBT4	INORGANIC	PB	Lead	
EX	QBT4	INORGANIC	SE	Selenium	
EX	QBT4	INORGANIC	AG	Silver	
EX	QBT4	INORGANIC	HG	Mercury	
SO	FILL	INORGANIC	AS	Arsenic	
SO	FILL	INORGANIC	CD	Cadmium	
SO	FILL	INORGANIC	CR	Chromium	
SO	FILL	INORGANIC	PB	Lead	
SO	FILL	INORGANIC	AG	Silver	
SO	FILL	INORGANIC	SE	Selenium	
SO	FILL	INORGANIC	CD	Cadmium	
SO	FILL	INORGANIC	CR	Chromium	
SO	FILL	INORGANIC	PB	Lead	
SO	FILL	INORGANIC	SE	Selenium	
SO	FILL	INORGANIC	AG	Silver	
SO	FILL	INORGANIC	HG	Mercury	
SO	FILL	INORGANIC	AS	Arsenic	
SO	FILL	INORGANIC	BA	Barium	
SO	FILL	INORGANIC	HG	Mercury	
SO	FILL	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	PB	Lead	
W	ALLH	INORGANIC	AG	Silver	
W	ALLH	INORGANIC	BA	Barium	
W	ALLH	INORGANIC	SE	Selenium	
W	QBT4	INORGANIC	SE	Selenium	
W	QBT4	INORGANIC	AG	Silver	
W	QBT4	INORGANIC	HG	Mercury	
W	QBT4	INORGANIC	BA	Barium	
W	QBT4	INORGANIC	CR	Chromium	
W	QBT4	INORGANIC	PB	Lead	
W	QBT4	INORGANIC	AS	Arsenic	
W	QBT4	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	CR	Chromium	
W	ALLH	INORGANIC	AS	Arsenic	
W	ALLH	INORGANIC	CD	Cadmium	
W	ALLH	INORGANIC	HG	Mercury	

IDL	MDL	MDA	QUANT_LMT	DLC	DILUTION_FAC
					1
					1
					1
					1
750					1
500					1
125					1
250					1
250					1
125					1
250					1
1					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					10
1.9			250		1
3			250		1
9			500		1
3			125		1
3			125		1
3			250		1
0.5					1
9			500		1
1.4			250		1
1.9			250		1
3.5			750		1
0.38			125		1
1.4			250		1
3.5			750		1
0.38			125		1
0.5					1

TEXT_RESULT	SAMPLE_VALU	UNCERTAINTY	REPORTING_U	STD_SAMPLE_	STD_UNCERTA
	30.8		UG/L	30.8	
	3		UG/L	3	
	3		UG/L	3	
	0.5		UG/L	0.5	
	3.5		UG/L	3.5	
	158		UG/L	158	
	0.38		UG/L	0.38	
	1.4		UG/L	1.4	
	71		UG/L	71	
	3		UG/L	3	
	3		UG/L	3	
	0.5		UG/L	0.5	
	7.6		UG/L	7.6	
	0.48		UG/L	0.48	
	68		UG/L	68	
	352		UG/L	352	
	3		UG/L	3	
	3		UG/L	3	
	198		UG/L	198	
	2.3		UG/L	2.3	
	829		UG/L	829	
	3.6		UG/L	3.6	
	3		UG/L	3	
	0.5		UG/L	0.5	
	3.5		UG/L	3.5	
	7650		UG/L	7650	
	0.5		UG/L	0.5	
	15700		UG/L	15700	
	11.8		UG/L	11.8	
	3		UG/L	3	
	1340		UG/L	1340	
	3		UG/L	3	
	3		UG/L	3	
	3		UG/L	3	
	0.5		UG/L	0.5	
	1360		UG/L	1360	
	1.4		UG/L	1.4	
	12.1		UG/L	12.1	
	3.5		UG/L	3.5	
	0.38		UG/L	0.38	
	1.4		UG/L	1.4	
	3.5		UG/L	3.5	
	0.38		UG/L	0.38	
	0.5		UG/L	0.5	

STD_REPORTI	FU4_QUAL	RFI_REASON_	LAB_QUALIFIE	LANL_QUALIFI	LANL_QUALIFI
UG/L	J	I1	B	J	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	J	I1	B	J	J
UG/L	J	I1	B	J	J
UG/L	NQ	INONE		NQ	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	J	I1	B	J	J
UG/L	J	I1	B	J	J
UG/L	NQ	INONE		NQ	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE	N	NQ	
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE	N	NQ	
UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	NQ	INONE		NQ	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
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UG/L	NQ	INONE		NQ	
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UG/L	U	I5	B	U	U
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
UG/L	U	IULAB	U	U	
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UG/L	U	IULAB	U	U	

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	FD	CS	METALS	SW-846:6010	STSL
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	NA	CS	METALS	SW-846:7470	STSL

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Severn Trent L	7/24/2001	7/12/2001	001 9:30:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:30:00 AM
Severn Trent L	7/24/2001	7/12/2001	001 9:30:00 AM
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Appendix C

Site Photographs

The following pages contain thumbnails of site-related photographs. The same images can be viewed, with captions, on the CD included at the front of this report. Using a web browser, choose Open from the File menu and select the file named `Photos.htm` from the `ER2003_0643_App_C` folder on tthe CD.

MDAP 1965-12-31

MDAP 1966-12-31

MDAP 1966-12-31a

MDAP 1987-12-31

MDAP 1996-01-31

MDAP 1996-01-31a

MDAP 1996-01-31b

MDAP 1996-03-01

MDAP 1996-08-09

MDAP 1996-08-16

MDAP 1996-08-16a

MDAP 1996-08-27

MDAP 1996-08-30

MDAP 1996-08-30a

MDAP 1996-09-16

MDAP 1996-09-16a

MDAP 1996-09-23

MDAP 1996-10-16

MDAP 1996-10-30

MDAP 1996-10-30a

MDAP 1996-11-15

MDAP 1997-09-16

MDAP 1997-09-16a

MDAP 1997-09-28

MDAP 1997-11

MDAP 1997-11-19

MDAP 1997-11-21

MDAP 1997-11a

MDAP 1998-08-18

MDAP 1998-08-18a

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MDAP 1999-03-17a

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MDAP 1999-03-30

MDAP 1999-03-31

MDAP 1999-03-31a

MDAP 1999-04

MDAP 1999-04-29

MDAP 1999-04-30

MDAP 1999-04-30a

MDAP 1999-04-30b

MDAP 1999-04-30c

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MDAP 1999-04-30e

MDAP 1999-04-30f

MDAP 1999-04-30g

MDAP 1999-04-30h

MDAP 1999-04-30i

MDAP 1999-04-30j

MDAP 1999-04a

MDAP 1999-06-01

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MDAP 1999-06-14a

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MDAP 1999-06-14d

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MDAP 1999-08-12a

MDAP 1999-08-13

MDAP 1999-08-13a

MDAP 1999-08-13b

MDAP 1999-08-13c

MDAP 1999-08-16

MDAP 1999-09-01

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MDAP 1999-09-12

MDAP 1999-09-14

MDAP 1999-09-21

MDAP 1999-09-21a

MDAP 1999-10-12

MDAP 1999-11-01

MDAP 1999-11-05

MDAP 1999-11-05a

MDAP 1999-11-22

MDAP 1999-11-28

MDAP 1999-11-29

MDAP 2000-02-02

MDAP 2000-02-13

MDAP 2000-03-31

MDAP 2000-03-31a

MDAP 2000-04-05

MDAP 2000-04-05a

MDAP 2000-04-05b

MDAP 2000-04-05c

MDAP 2000-04-05d

MDAP 2000-04-05e

MDAP 2000-04-05f

MDAP 2000-04-05g

MDAP 2000-05-30

MDAP 2000-05-30a

MDAP 2000-05-30b

MDAP 2000-05-30c

MDAP 2000-05-30d

MDAP 2000-07-10

MDAP 2000-07-10a

MDAP 2000-08-14

MDAP 2000-08-14b

MDAP 2001-04-10

MDAP 2001-04-10a

MDAP 2001-04-10b

MDAP 2001-04-10c

MDAP 2001-05-07

MDAP 2001-05-07a

MDAP 2001-05-07b

MDAP 2001-06-05

MDAP 2001-06-19

MDAP 2001-06-25

MDAP 2001-07-10

MDAP 2001-07-10a

MDAP 2001-07-20

MDAP 2001-07-27

MDAP 2001-07-27a

MDAP 2001-07-27b

MDAP 2001-07-28

MDAP 2001-08-09

MDAP 2001-08-09a

MDAP 2001-08-27

MDAP 2001-08-29

MDAP 2001-08-29a

MDAP 2001-08-30

MDAP 2001-09-13

MDAP 2001-09-13a

MDAP 2001-09-13b

MDAP 2001-09-28

MDAP 2001-10-02

MDAP 2001-10-03

MDAP 2001-10-03a

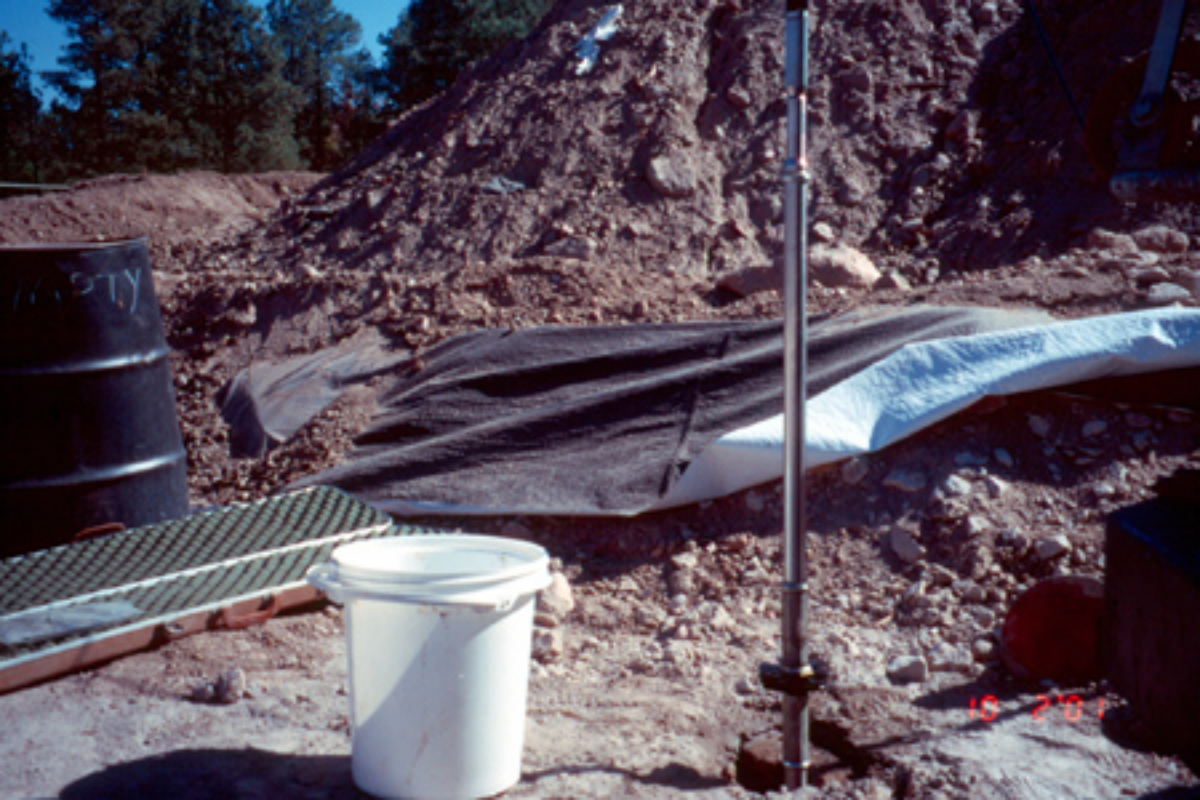
The following table pairs the file name of each photograph with its caption.

Photograph File Name	Caption
MDAP 1965-12-31.JPG	Southern view of MDA P, demolition derbies exposed
MDAP 1966-12-31.JPG	Demolition of TA-16 building, resulting debris deposited in MDA P
MDAP 1966-12-31a.JPG	Dump trucks moving debris from TA-16 demolition sites to MDA P
MDAP 1987-12-31.JPG	Aerial view of MDA P, looking south
MDAP 1996-01-31.JPG	Visible debris on north face of MDA P, looking toward west lobe of landfill
MDAP 1996-01-31a.JPG	Visible debris on north face of MDA P
MDAP 1996-01-31b.JPG	Visible debris at bottom of west lobe of MDA P, initial point of removal activities
MDAP 1996-03-01.JPG	Visible debris on north face of MDA P
MDAP 1996-08-09.JPG	Drainage and base of storage pad on east side of MDA P
MDAP 1996-08-16.JPG	MDA P from across Cañon de Valle
MDAP 1996-08-16a.JPG	Temporary storage of MDA P debris; material has been washed, characterized, and moved to 90s Line storage site
MDAP 1996-08-27.JPG	Southern view of MDA P debris from across Cañon de Valle
MDAP 1996-08-30.JPG	MDA P from across Cañon de Valle
MDAP 1996-08-30a.JPG	North face of MDA P; boundary of east and west lobes visible
MDAP 1996-09-16.JPG	MDA P from across Cañon de Valle; beginning of site preparation; storage connex visible in background
MDAP 1996-09-16a.JPG	MDA P from across Cañon de Valle; beginning of site preparation; storage connex visible in background
MDAP 1996-09-23.JPG	MDA P from across Cañon de Valle; beginning of site preparation; storage connex visible in background
MDAP 1996-10-16.JPG	MDA P from across Cañon de Valle, looking southeast
MDAP 1996-10-30.JPG	MDA P from across Cañon de Valle, looking southeast, winter
MDAP 1996-10-30a.JPG	MDA P from across Cañon de Valle, looking southeast, winter
MDAP 1996-11-15.JPG	Construction of MDA P decontamination pad; 2 x 8 redwood boards support grates
MDAP 1997-09-16.JPG	Construction of runoff catch trench at base of east lobe, MDA P
MDAP 1997-09-16a.JPG	Construction of runoff catch trench at base of east lobe, MDA P
MDAP 1997-09-28.JPG	Construction of runoff catch trench at base of east lobe, MDA P
MDAP 1997-11.JPG	Excavation of initial characterization trenches at west lobe, MDA P
MDAP 1997-11-19.JPG	Using field instrumentation to characterize test trenches at west lobe, MDA P
MDAP 1997-11-21.JPG	Excavator used for initial test trenches located at west lobe, MDA P
MDAP 1997-11a.JPG	Demolition debris at base of MDA P
MDAP 1998-08-18.JPG	Remote excavation system and lead robotics engineer
MDAP 1998-08-18a.JPG	Remote excavation system
MDAP 1998-10-01.JPG	Assembly of material sorting system
MDAP 1998-11-13.JPG	Identification of materials removed from MDA P

Photograph File Name	Caption
MDAP 1998-11-13a.JPG	Initial location of robot excavator control trailer for remote excavation of lower portion of west lobe, MDA P
MDAP 1998-11-13b.JPG	Robot excavator control console
MDAP 1998-11-13c.JPG	Material decontamination operations at MDA P decontamination pad
MDAP 1998-11-13d.JPG	Placement of blast protection barriers
MDAP 1998-11-13e.JPG	Removal of cleaned excavation debris from decontamination pad
MDAP 1998-11-13f.JPG	Personnel blast protection shield
MDAP 1998-11-13g.JPG	Laboratory Hazardous Material Emergency Response Team
MDAP 1998-12.JPG	Excavation of initial characterization trenches at west lobe, MDA P
MDAP 1998-12-03.JPG	Excavation of clean soil at southern boundary of MDA P
MDAP 1998-12-03a.JPG	Excavation debris on decontamination pad
MDAP 1998-12-17.JPG	Material separation equipment in clean soil borrow pit at southern boundary of MDA P
MDAP 1998-12-17a.JPG	Temporary storage of cleaned excavation debris at 90s Line
MDAP 1999-03-17.JPG	Pipe decontamination activities at MDA P
MDAP 1999-03-17a.JPG	Removal of top layer of west lobe, MDA P
MDAP 1999-03-24.JPG	Soil sorting and removal
MDAP 1999-03-30.JPG	Concrete size-reduction activities at 90s Line
MDAP 1999-03-31.JPG	Application of soil cement to temporary stockpile
MDAP 1999-03-31a.JPG	Loading scrap steel for disposal off-site
MDAP 1999-04.JPG	Landfill debris staged at 90s Line temporary storage site
MDAP 1999-04-29.JPG	Landfill debris staged at 90s Line temporary storage site
MDAP 1999-04-30.JPG	Remote excavator staged at east-west lobe boundary
MDAP 1999-04-30a.JPG	Excavation debris being staged on MDA P decontamination pad
MDAP 1999-04-30b.JPG	Transport truck weighing in before trip to Waste Control Specialists disposal site
MDAP 1999-04-30c.JPG	Removal of decontamination pad grates for soil removal
MDAP 1999-04-30d.JPG	Loading soil at west end of MDA P for transport to temporary storage
MDAP 1999-04-30e.JPG	Level C characterization activities
MDAP 1999-04-30f.JPG	MDA P debris decontamination activities
MDAP 1999-04-30g.JPG	Loading cleaned debris for transport to temporary storage
MDAP 1999-04-30h.JPG	Debris cleaning, prior to removal
MDAP 1999-04-30i.JPG	HE soil sorting on the MDA P soil lay-down area
MDAP 1999-04-30j.JPG	HE soil sorting on the MDA P soil lay-down area
MDAP 1999-04a.JPG	Soil staging at 90s Line
MDAP 1999-06-01.JPG	Soil sorting and removal equipment used at MDA P
MDAP 1999-06-01a.JPG	North face of west lobe, MDA P, looking south
MDAP 1999-06-03.JPG	Manual soil staging activities at MDA P
MDAP 1999-06-14.JPG	Barium nitrate chunks found at MDA P
MDAP 1999-06-14a.JPG	West lobe. MDA P, after significant removal activities
MDAP 1999-06-14b.JPG	Example of positive HE test for TNT
MDAP 1999-06-14c.JPG	Soil removal activities at MDA P, looking south
MDAP 1999-06-14d.JPG	North face of MDA P from bottom of Cañon de Valle
MDAP 1999-08-12.JPG	Multiple excavators used to move "safe" material up from and out of MDA P landfill
MDAP 1999-08-12a.JPG	Multiple excavators used to move "safe" material up from and out of MDA P landfill
MDAP 1999-08-13.JPG	Remote excavation system in operation at west lobe of MDA P, looking east
MDAP 1999-08-13a.JPG	Remote excavation system in operation at west lobe of MDA P, looking east
MDAP 1999-08-13b.JPG	Remote excavation system in operation at west lobe of MDA P, looking east

Photograph File Name	Caption
MDAP 1999-08-13c.JPG	Remote excavation system in operation at west lobe of MDA P, looking up from bottom of Cañon de Valle, east
MDAP 1999-08-16.JPG	Remains of multiple trucks found at MDA P
MDAP 1999-09-01.JPG	MDA P site, 50% of west lobe removed
MDAP 1999-09-01a.JPG	North face of MDA P during soil removal activities
MDAP 1999-09-12.JPG	Remains of one of twelve trucks removed from MDA P
MDAP 1999-09-14.JPG	Soil removal activities at west lobe, MDA P
MDAP 1999-09-21.JPG	Large elk herds were abundant around the MDA P site
MDAP 1999-09-21a.JPG	MDA P landfill, much of west lobe removed; material lay-down area and remote excavation systems are visible
MDAP 1999-10-12.JPG	Remote excavator in operation at west lobe, MDA P, looking west
MDAP 1999-11-01.JPG	Concrete pad for material sorting operations, southwest of MDA P
MDAP 1999-11-05.JPG	Remote excavator in operation on the North Face of MDA P
MDAP 1999-11-05a.JPG	Robot excavator control trailer set up for excavation of lower north face, MDA P
MDAP 1999-11-22.JPG	MDA P excavation debris
MDAP 1999-11-28.JPG	MDA P soils staging area
MDAP 1999-11-29.JPG	MDA P decontamination pad
MDAP 2000-02-02.JPG	MDA P, facing west, most of west lobe completed
MDAP 2000-02-13.JPG	Staging trucks to receive soil for transport to Waste Control Specialists
MDAP 2000-03-31.JPG	Placing liners in soil transport trucks at 90s Line
MDAP 2000-03-31a.JPG	Staging trucks to receive soil for transport to Waste Control Specialists
MDAP 2000-04-05.JPG	North face of MDA P, after removal of contaminated material
MDAP 2000-04-05a.JPG	North face of MDA P, after removal of contaminated material
MDAP 2000-04-05b.JPG	North face of MDA P, after removal of contaminated material
MDAP 2000-04-05c.JPG	Soil removal activities at east lobe, MDA P
MDAP 2000-04-05d.JPG	North face of MDA P, after removal of contaminated material
MDAP 2000-04-05e.JPG	North face of MDA P, after removal of contaminated material
MDAP 2000-04-05f.JPG	Excavation of east lobe, MDA P, looking west from robot control room site
MDAP 2000-04-05g.JPG	Overview of MDA P site; excavation of east lobe in progress
MDAP 2000-05-30.JPG	Burn damage from Cerro Grande Fire, east of MDA P
MDAP 2000-05-30a.JPG	Burn damage from Cerro Grande Fire, southwest of MDA P
MDAP 2000-05-30b.JPG	Burn damage from Cerro Grande Fire, along access road to MDA P
MDAP 2000-05-30c.JPG	Burn damage from Cerro Grande Fire, TA-2
MDAP 2000-05-30d.JPG	Temporary soil stockpile at 90s Line
MDAP 2000-07-10.JPG	MDA P after remediation, looking west
MDAP 2000-07-10a.JPG	MDA P after remediation, looking southwest
MDAP 2000-08-14.JPG	Northern view of MDA P across old burn pad, after soil removal
MDAP 2000-08-14b.JPG	Top view of MDA P after remediation, looking north
MDAP 2001-04-10.JPG	West view of lower half of MDA P after remediation
MDAP 2001-04-10a.JPG	East view MDA P after remediation
MDAP 2001-04-10b.JPG	MDA P after remediation
MDAP 2001-04-10c.JPG	MDA P after remediation
MDAP 2001-05-07.JPG	Cerro Grande Fire damage near MDA P
MDAP 2001-05-07a.JPG	Cerro Grande Fire damage near MDA P
MDAP 2001-05-07b.JPG	Cerro Grande Fire damage near MDA P
MDAP 2001-06-05.JPG	Geophysical drill rig in operation at west lobe, MDA P

Photograph File Name	Caption
MDAP 2001-06-19.JPG	Geophysical drill rig in operation at west lobe, MDA P
MDAP 2001-06-25.JPG	Geophysical drill rig in operation at west lobe, MDA P
MDAP 2001-07-10.JPG	Placement of BMPs along north face of MDA P
MDAP 2001-07-10a.JPG	Soil sampling activities along bottom of Cañon de Valle
MDAP 2001-07-20.JPG	Soil sampling activities along bottom of Cañon de Valle
MDAP 2001-07-27.JPG	Core samples in bedrock at MDA P
MDAP 2001-07-27a.JPG	Core sampling crew on west lobe, MDA P
MDAP 2001-07-27b.JPG	Core sampling crew on west lobe, MDA P
MDAP 2001-07-28.JPG	Core sampling crew on west lobe, MDA P
MDAP 2001-08-09.JPG	MDA P hydrologic characterization
MDAP 2001-08-09a.JPG	MDA P hydrologic characterization
MDAP 2001-08-27.JPG	Site reconstruction
MDAP 2001-08-29.JPG	MDA P core samples
MDAP 2001-08-29a.JPG	Retrieval of MDA P core samples
MDAP 2001-08-30.JPG	MDA P geophysical drilling activities
MDAP 2001-09-13.JPG	MDA P hydrologic characterization
MDAP 2001-09-13a.JPG	MDA P hydrologic characterization
MDAP 2001-09-13b.JPG	MDA P soil characterization with an XRF detector
MDAP 2001-09-28.JPG	Temporary soil storage
MDAP 2001-10-02.JPG	Soil sampling activities at MDA P
MDAP 2001-10-03.JPG	Well logging at MDA P
MDAP 2001-10-03a.JPG	MDA P sample hole



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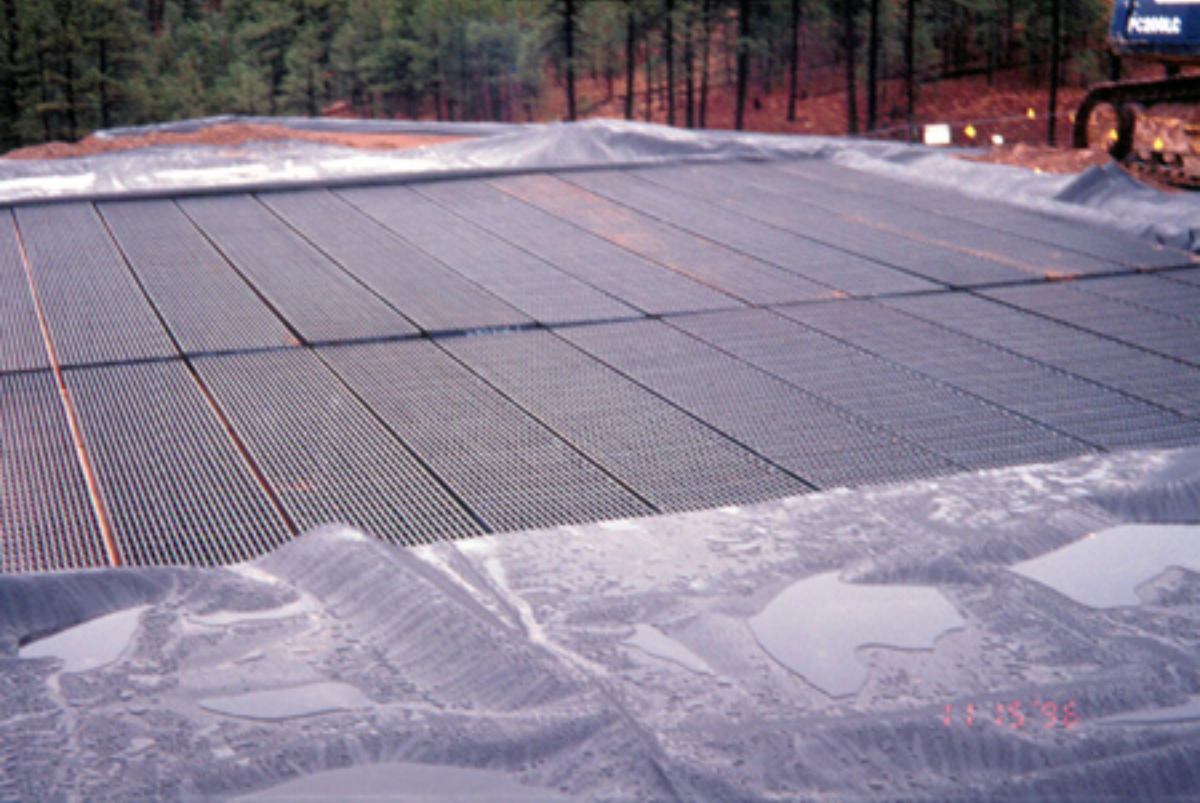
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Appendix D

Supporting Documentation/Correspondence

This appendix contains copies of correspondence (and related documents) sent between the Laboratory and the New Mexico Environment Department (NMED) related to the closure activities at MDA P and Flash Pad 387 and the cleanup of SWMU 16-016(c)-99. Collectively, these sites are referred to as the "MDA P Site." Each document includes information relevant to one or more decisions that have been made regarding the closure and cleanup activities at the MDA P Site.

All correspondence is included in its entirety, with the exception of the August 10, 2000, letter from the Laboratory to the NMED, which is missing Table 2 and Figure 2.1. The color rows in Table 2 and the large format of Figure 2.1 rendered these portions of the letter unreproducible; however, complete versions of all the documents in this appendix are retained at the Risk Reduction and Environmental Stewardship – Remediation Services Records Processing Facility. The documents are part of the permanent record regarding the MDA P Site closure and cleanup activities.

One of the primary purposes for including this set of supporting documentation and correspondence is to provide a record of closure performance changes and their approvals. Variances to the NMED-approved closures plans for the MDA P Site and Flash Pad 387 have been identified and are summarized in Table D-1. Changes to the Phase I closure implementation activities are summarized in Table D-1, all of which were previously identified in a number of letters and/or Class I Closure Modification requests. All of the Phase I changes to the approved closure plan for MDA P were incorporated into the NMED-approved May 2002 request for closure plan modification (LANL 2002, 73159). Thus, all changes to the Phase I activities are no longer represented as deviations or variances, according to the definition of such changes in the MDA P closure plan (LANL 1995, 58713). Approved changes are divided into the following four categories in the table: changes to the schedule; changes to the estimates of waste types and/or volumes; changes to the sampling plan; and changes to waste management practices, including decontamination, staging, and/or disposal.

- *Closure Plan Schedule.* The schedule for closure implementation was extended to include additional time required for remote handling of the detonable explosives debris at MDA P; delays in excavation due to the Cerro Grande fire; and additional excavation required in the eastern portion of the site, which was discovered during the initial Phase II confirmation sampling.

- *Waste Estimates.* The estimates of waste from the debris excavation and removal activities were revised a number of times, as the Phase I activities progressed.

- *Phase I Sampling.* The procedures for the sampling, as delineated in the SAP (LANL 1999, 63546) were revised as the closure implementation progressed, including the numbers of samples collected for waste characterization and disposition.

- *Waste Management Procedures.* Changes in various waste management procedures included changes promulgated in regulations and/or standards or the interpretation of such regulations and/or standards (e.g., the land treatment disposal standard for barium); sampling of decontamination rinsate water; and other treatment-related issues.

The remainder of this appendix is attached electronically to all copies of the closure certification report (see CD included at the front of this report).

Table D-1
Approved Closure Plan Changes to MDA P Site Closure Activities

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
Changes to the Closure Plan Schedule				
6.1.1.4/6-7	"An amendment to the Closure Plan will be submitted to the NMED whenever a change occurs in the expected year of closure "	"Unanticipated delays have been incurred due to the presence of detonable pieces of HE. It has been determined that closure will exceed the proposed 26 months to complete Phase I and Phase II. Phase I includes removing waste from the waste pile and was estimated to be 17 months from the time the Closure Plan was submitted. This time frame has already passed; therefore a new closure plan schedule has been prepared and submitted to HRMB as a Class I Closure Plan Modification. Per their request, the new closure plan schedule completion date has been extended until September 2001."	Class I closure plan modification to schedule	July 22, 1998, letter[a] March 10, 1999, letter[b] May 7, 1999, letter[c]
6.1.2.1/6-9	"For this project, an extension of the 90-day and 180-day closure time frames will be necessary. Removal of wastes and completion of closure activities will require at least 20 months if a risk assessment is not conducted."			
6.1.2.2/6-9	"If completion of final closure will take longer than 26 months from the time the closure plan is approved, the Laboratory will submit a closure plan amendment "			
6.2.7/ 6-26	"If a risk assessment is necessary but additional waste removal is not required, the total time to complete closure is estimated to be 26 months. This schedule assumes no unanticipated delays."			

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
Figure 6-2	Estimated Project Schedule with no Risk Assessment.			
6.1.2.1/6-9 & 6-10	Figure 6-2, Estimated Project Schedule (Revision 1.0, May 1999) Start / Finish Begin operations 5/13/96 5/13/96 Preliminary construction 5/13/96 11/27/98 Excavate, decontaminate & sample 11/5/97 4/28/00 Waste treatment (as needed) 7/1/99 4/28/00 Phase II sampling 2/28/00 6/23/00 Final closure report 4/3/00 11/30/00 Reseed/replant vegetation 5/22/00 9/7/01 "For this project, an extension of the 90-day and 180-day closure time frames will be necessary. Removal of wastes and completion of closure activities as described in Sections 6.3.4, 6.2.5, and 6.2.6 will extend until September 2001. This extended time frame is necessary because the Laboratory was unable to meet the original project schedule for waste removal due to safe operating process at the site having to be re-evaluated when detonable pieces of HE were observed during excavation. The extended time frame is also necessary because of the following factors: • the logistics of removing relatively large amounts of waste from a steep incline; • decontaminating waste in an area that is limited in size; and • weather conditions that cannot be predicted with any high degree of accuracy. For these reasons, the Laboratory requests that NMED approve the extended project schedule until September 2001 for final closure. The anticipated closure schedule is presented in Section 6.2.7."	Figure 6-2. Estimated Project Schedule (Revision 2.0, May 2002) Start / Finish Field work 11/5/97 10/31/02 16-006(e) septic tank removal 4/4/02 5/9/02 Eco risk assessment 6/4/02 10/31/02 Final closure report 3/4/02 1/31/03 Site restoration 5/26/04 11/3/04 "For this project, an extension of the 90-day and 180-day closure time frames will be necessary. Removal of wastes and completion of closure activities as described in Sections 6.3.4, 6.2.5, and 6.2.6 will extend until the end of January 2003. This extended time frame is necessary because the Laboratory was unable to meet the original project schedule for waste removal due to safe operating process at the site having to be re-evaluated when detonable pieces of HE were observed during excavation. The extended time frame is also necessary because of the following factors: • The Cerro Grande fire delayed completion of excavation; • The Phase II Sampling and Analysis Plan was submitted in August 1999, supplemental information was submitted on August 10, 2000, and on April 26, 2001, verbal approval was given on May 30, 2001, written approval was given on June 7, 2001, and deviational changes to Phase II sampling and analysis plan were submitted on August 2, 2001; • During Phase II sampling, additional contamination was found and excavated from a small drainage on the eastern edge of the site. For these reasons, the Laboratory requests that NMED approve the extended project schedule until January 2003 for final closure. The anticipated closure schedule is presented in Section 6.2.7."	Class I closure plan modification to schedule	May 13, 2002, letter[d] May 30, 2002, letter[e]

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
6.1.2.2/ 6-9	"As indicated in Figure 6-2, removal of wastes and completion of closure activities will need to be extended until September 2001. If completion of final closure activities will take longer than September 2001, the Laboratory will submit a closure plan amendment in accordance with 265.112(c)."	"As indicated in Figure 6-2, removal of wastes and completion of closure activities will need to be extended until January 2003. If completion of final closure activities will take longer than January 2003, the Laboratory will submit a closure plan amendment in accordance with 265.112(c)."	Class I closure plan modification to schedule	May 13, 2002, letter[d] May 30, 2002, letter[e]
Changes to the Closure Plan Waste Estimates				
1.1.3/ 1-8	"Approximately 30,000 cubic yards (yd^3) of debris will be excavated."	"After the submittal and approval of the original Closure Plan, it was discovered that the southern part of the morphologic feature of MDA P is composed of uncontaminated soils placed during the original construction of the burning grounds. Therefore, a large volume of clean fill that composes the morphologic feature of MDA P will not be removed, but will be sampled during the Phase II verification activities. The new estimated volume is 16,500 cubic yards. This new volume has been reflected as a Class I Closure Plan Modification (May 7, 1999 letter[c])."	Class I closure plan modification of waste estimates	July 22, 1998, letter[a] May 7, 1999, letter[c]
4.1.3.1/ 4-3	"Based on the estimated waste pile volume (30,000 yd^3) ."			
6.2.3/ 6-19	"The MDA P waste pile contains an estimated 30,000 yd^3 of waste and debris."			

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
1.1.3/ 1-8	"To achieve closure, the entire waste pile, including hazardous and non-hazardous waste and soil, will be removed. Approximately 16,500 cubic yards (yd^3) of debris and contaminated media will be excavated."	"To achieve closure, the entire waste pile, including hazardous and non-hazardous waste and soil, will be removed. Approximately 60,000* cubic yards (yd^3) of debris and contaminated media will be excavated. *52,187 cubic yards of media have been excavated and 55,093 cubic yards of waste were submitted for off-site disposal; 21,500 cubic yards of waste were hazardous."	Class I closure plan modification of waste estimates	May 13, 2002, letter[d] May 30, 2002, letter[e]
4.1.3.1/ 4.3	"Based on the estimated volume of the waste-pile volume (16,500 yd^3), a total of approximately 165 composite samples will be collected."	"Based on the estimated volume of the waste-pile and contaminated media 60,000* cubic yards (yd^3), a total of approximately 500 composite samples will be collected. *52,187 cubic yards of media have been excavated and 55,093 cubic yards of waste were submitted for off-site disposal; 21,500 cubic yards of waste were hazardous."		
Table 4-2/ 4-17	Table 4-2, Summary of Samples and Analysis, provides the number of samples based on 16,500 yd^3 of waste.	"Table 4-2, Summary of Samples and Analysis, was revised to provide the number of samples based on 60,000 yd^3 of waste."		
6.2.3/ 6-19	"The MDA P waste pile contains an estimated 16,500 yd^3 of waste and debris. It is anticipated that 500 yd^3 of excavated soil will require treatment. This estimate is based on professional judgment and visual inspection of the waste pile."	"The MDA-P waste pile contains an estimated maximum volume of 60,000 yd^3 of waste, debris, and contaminated media. It is estimated that 21,000 yd^3 of excavated soil will require treatment and disposal as hazardous waste at a permitted, off-site facility."		
Changes to the Closure Plan Sampling				
4.1.3.1/ 4-3	"Based on the estimated waste pile volume (30,000 yd^3), a total of approximately 300 composite samples will be collected."	"The estimated number of soil samples to be collected during Phase I will be proportional to the reduced estimated volume of waste of 16,500 cubic yards (165 composite samples). The new estimated number of soil samples has been reflected as a Class I Closure Plan Modification, submitted with the May 7, 1999, letter[c]. Duplicate, rinsate blank, and matrix spike samples were also adjusted to reflect the new estimate. (See new Table 4-2 replacement page in the May 7, 1999, letter[c])."	Class I closure plan modification to Phase I sampling	July 22, 1998, letter[a] May 7, 1999, letter[c]
Table 4-2	Summary of Samples and Analyses.			

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
6.1.2.2/ 6-9	Not applicable.	"The Phase II Sampling and Analysis Plan was submitted in August 1999, supplemental information was submitted on August 10, 2000, and on April 26, 2001, verbal approval was given on May 30, 2001, written approval was given on June 7, 2001, and deviational changes to Phase II sampling and analysis plan were submitted on August 2, 2001."	Class I Closure plan modification to Include SAP and changes to SAP	May 13, 2002, letter[d] May 30, 2002, letter[e]
SAP - 3.2/30	"Two field split duplicates samples will be collected from the Closure Unit scale. One field split duplicate will be collected from the PRS Cluster scale. One field split duplicate sample will be collected from both the east and west Investigation Areas."	"The quality control samples will be collected at a ratio of 1 to 10 field samples. The locations of the QC samples have been pre-selected to attempt to obtain positive results. The locations are chosen on the basis of existing field screening results obtained after completion of excavation."	Deviational change to SAP	August 1999 SAP[f] August 2, 2001, letter[g]
SAP - 2.2.3.2/22 April 2001 letter – pg. 2	"The Closure Unit strata will be sampled on a 10 x 10 m grid by a discrete grab (soil) or auger (tuff) sample taken from the center of grid cells ." (August 1999 SAP[f])	"The locations of field samples were locally adjusted from grid centers to coincide with drainages and low spots that may have concentrated contaminants."	Deviational change to SAP	August 1999 SAP[f]
	" grid cells identified for "center of the cell" sampling " (April 26, 2001, letter[h])			April 26, 2001, letter[h]
	"If the grid center identified for sampling " (April 26, 2001 letter[h])			August 2, 2001, letter[g]

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
SAP – 2.2.3.2/25 April 2001 letter – pg. 3	" four boreholes will be drilled in Cañon de Valle between MDA P and the watercourse " (August 1999 SAP[f]) "The fourth borehole in this group will be located at the toe of the former landfill " (April 26, 2001 letter[h])	"The core hole planned for bedrock at the toe of the landfill was not drilled. After excavation, it was apparent that the exposed toe of the landfill consisted of terrace associated with the Cañon de Valle stream bed. This terrace contained cobble and talus rock debris in a sand matrix. The exposed bedrock topography on the lower slopes did not allow the placement of a drill rig."	Deviational change to SAP	August 1999 SAP[f] April 26, 2001, letter[h] August 2, 2001, letter[g]
SAP – 2.2.3.2/25 April 2001 letter – pg. 3	" four boreholes will be drilled in Cañon de Valle between MDA P and the watercourse " (August 1999 SAP[f]) "The fourth borehole in this group will be located at the toe of the former landfill. This boring will be sampled for continuous core to approximately 25 ft depth (elevation approx. 7335 ft msl). The target depth represents the elevation of the stream in Cañon de Valle." (April 26, 2001 letter[h])	"Sampling along the exposed toe of the landfill consisted of four exploratory pits in the terrace materials. Two samples were collected in each pit, one from the near surfaces and one from above the water table. The sampling parameters were consistent with the approved SAP. These samples were collected with the objective to demonstrate that no contaminants migrated from the landfill."	Deviational change to SAP	August 1999 SAP[f] April 26, 2001, letter[h] August 2, 2001, letter[g]
SAP – 2.2.3.2/25 April 2001 letter – pg. 3	" four boreholes will be drilled in Cañon de Valle between MDA P and the watercourse " (August 1999 SAP[f]) "Three boreholes will be located beneath the upper footprint of the landfill area " The three grids with the greatest potential for these conditions are 374, 486, and 489 beneath the western, middle, and eastern parts of the landfill, respectively." (April 26, 2001 letter[h])	"The core hole panned for the former west lobe of the landfill was not drilled. After completion of excavation, it was apparent that there were no hazardous wastes associated with this area of the landfill and little potential for residual contaminants."	Deviational change to SAP	August 1999 SAP[f] April 26, 2001, letter[h] August 2, 2001, letter[g]

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
SAP – 2.2.3.2/25 April 2001 letter – pg. 3	" four boreholes will be drilled in Cañon de Valle between MDA P and the watercourse " (August 1999 SAP[f]) "Three boreholes will be located beneath the upper footprint of the landfill area " The three grids with the greatest potential for these conditions are 374, 486, and 489 beneath the western, middle, and eastern parts of the landfill, respectively." (April 26, 2001 letter[h])	"The two remaining planned core holes were drilled at grids 526 and 557. These are grids that existing field screening data indicated having the highest residual contaminant concentrations for the landfill. There was topographic indication that these cells were in locations where pre-landfill stream channels may have concentrated contaminants."	Deviational change to SAP	August 1999 SAP[f] April 26, 2001, letter[h] August 2, 2001, letter[g]
SAP – 2.2.3.2/25 April 2001 letter – pg. 4	" four boreholes will be drilled in Cañon de Valle between MDA P and the watercourse to a depth of 20 ft " (August 1999 SAP[f]) "These boreholes will be sampled for continuous core to approximately 33 ft depth (elevation approx. 7416 ft msl). The target depth represents the top of the densely welded zone of the Bandelier Tuff beneath the landfill." (April 26, 2001 letter[h])	"To compensate for the 2 core holes eliminated, the 2 core holes at grids 526 and 557 were drilled to depths approximately 10-ft below the elevation of the Cañon del Valle stream channel (~60 ft each)."	Deviational change to SAP	August 1999 SAP[f] April 26, 2001, letter[h] August 2, 2001, letter[g]
April 2001 letter – pg. 3	"After sufficient time for any vapors resulting from drilling have dissipated, a gas sample will be collected in each bore hole and analyzed for volatiles." (April 26, 2001 letter[h])	"Additional VOC samples were collected in the 2 core holes at grids 526 and 557 in lieu of the samples planned for the 2 core holes eliminated. Two samples from 2 depths were collected from each. An atmospheric blank was also collected at each location."	Deviational change to SAP	April 26, 2001, letter[h] August 2, 2001 letter[g]

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
Changes to the Closure Plan Waste Management Procedures				
1.1.3/1-8	"The final rinsate from the debris will be sampled to demonstrate that any debris waste characteristics have been removed."	"The original Closure Plan had conflicting language (Section 1.1.3, Page 1-8, 3rd paragraph) with respect to treatment or verification standard for hazardous debris currently contained in the approved Closure Plan per 20 NMAC 4.1, Subpart IX, 268.45(a)(1). The HRMB required the Laboratory to submit a Class I Closure Plan Modification under 20 NMAC 4.1, Subpart V, 270.42, Appendix I (a)(2): correction of typographical errors (March 10, 1999 letter[b]). The Laboratory submitted a Class I Closure Plan Modification for the typographical error, in which the sampling of decon water language was removed and replaced with visual inspection language consistent with Chapter 4 of the Approved Closure Plan (May 7, 1999 letter[c])."	Class I Closure Plan modification to decontamination procedure	March 10, 1999, letter[b] May 7, 1999, letter[c]
Table 4-2	Summary of Samples and Analyses			
6.3.2/6-28	"If Appendix VIII constituents are not detected in the final rinsate samples "			
Not applicable	Not applicable.	"The land disposal treatment standard for barium (7.6 mg/L) has changed as of May 26, 1998 (63 FR 28555). The HRMB has given the Laboratory permission to use the EPA's newly promulgated Phase IV LDR treatment standard of 21 mg/L in addition to identifying underlying hazardous constituents (UHCs) expected to be present in metal-bearing waste (D005-barium at 100 mg/L) (March 10, 1999 letter[b])."	Regulatory change	July 22, 1998, letter[a] September 18, 1998, letter[j] November 9, 1998, letter[j] March 10, 1999, letter[b]

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
Table 3-4/ 3-13	"Note (b) Because the HE was burned before disposal, D003 and K044 waste is not expected to be present. If the waste exhibits the characteristic of reactivity due to explosivity, it will be classified as D003 and K044 waste."	"HE is currently managed as any reactive characteristic hazardous waste (D003) and treated by Laboratory personnel at the 387 Burn Pad. To the best of the Laboratory's knowledge, all wastewater treatment sludge from the manufacturing and processing of explosives was burned to remove the characteristic (reactivity) for which it was listed (K044), thereby rendering it no longer listed per the mixture rule. Since detonable pieces of HE will be segregated from soil, the soil is not expected to be considered a reactive characteristic hazardous waste."	Regulatory interpretation	July 22, 1998, letter[a]
6.2.6/ 6-25	"This segregation area will be used for temporary storage of soils/debris in rolloff boxes or other containers and temporary storage of liquids in drums."	"Decontamination liquid is currently stored in several 20,000-gallon single walled steel tanks designed to fractionate solids from liquids. Stormwater is stored in three 10,000-gallon single walled steel tanks (each devoted to a separate runoff trench). Unknown liquids are either containerized or are already in containers. These are stored on spill pallets within the area of contamination until they can be characterized. Soils (both non-hazardous and hazardous) are stored separately within the area of contamination in 100 yd^3 lots. Small debris are staged in wire cage pallets to minimize handling. All liquids, soil, and debris removed from MDA P are stored in separate lined bermed pads."	Regulatory interpretation	July 22, 1998, letter[a] May 7, 1999, letter[c]
6.2.6/ 6-24	"On-site treatment of contaminated soils or liquids will be conducte. The treatment will occur in less than 90 days and is exempted from permit requirements as described in 20 NMAC 4.1, Subpart V, Section 262.34. On-site treatment is expected to consist of stabilization of barium contaminated soils."	"During an April 8, 1999 meeting with HRMB, ER Project personnel discussed the possibility of finding F-listed constituents in soil or on debris removed from MDA P once excavation activities entered into the east lobe. Historically gasoline, kerosene, and solvents were used in an ignition train to start the burn process at the 387 Burn Pad and to keep the burn hot. In most cases, it is not possible for the Laboratory to determine whether the presence of a hazardous constituent was a product of incomplete combustion or the result of disposal of residues from an F-listed solvent. HRMB has approved an approach whereby the Laboratory will manage waste materials removed from MDA P as F-listed wastes only when there is directly observable evidence that the waste at issue, i.e., soils or debris, were in contact with an F-listed source. All other soil and debris waste will undergo waste characterization to determine whether the waste is a characteristic hazardous waste."	Regulatory interpretation	May 20, 1999, letter[k]

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
Not applicable	Not applicable.	"In a September 18, 1998 letter[j], HRMB stated that the sorting pad and filtration system for on-site treatment of barium-contaminated soils shall meet the requirement for a temporary unit as defined in 20 NMAC 4.1, Subpart V, Section 264.533. Currently, there are no intentions to treat barium-contaminated soils; therefore the use of a filtration system will not be implemented. The Laboratory believes that segregating pieces of HE from soil at MDA P does not constitute treatment because it does not alter the chemical or physical characteristics of the waste streams generated (November 9, 1999 letter[c]). The Laboratory is currently following EPA guidance for management of remediation waste in a document entitled "Management of Remediation Waste Under RCRA" (EPA 530-F98-026 dated October 1998) that allows consolidation of hazardous waste within an area of contamination without creating a new point of hazardous waste generation or triggering land disposal restrictions or minimum technology requirements."	Regulatory interpretation	September 18, 1998, letter[j] November 9, 1998' letter[j] March 10, 1999, letter[b] May 7, 1999, letter[c]
6.2.6/ 6-25	"The treatment tank used for soil stabilization will be within this segregation area and bermed separately."	"Currently, there are no intentions to treat barium-contaminated soils; therefore there are no treatment tanks associated with soil stabilization for treatment of barium-contaminated soils within the segregation area."	Variance to Phase I waste treatment procedures	July 22, 1998, letter[a] November 9, 1998, letter[xxx]
2.1.1.3/2-4	"A surface runon trench was installed in 1994 as a mechanism for erosion control that redirects rainwater and snowmelt around the waste pile and serves to limit infiltration of water into the waste pile."	"In March 1999, the Storm Water Pollution Prevention Plan for MDA P was updated to account for waste handling and management systems required at MDA P. As part of the new waste handling and management systems required for HE segregation, the west end of the trench has been filled with gravel to create a French drain. Stormwater will be redirected around the new hand-sorting pad into the French drain. The sorting pad contains its own water containment and collection system."	Variance to Phase I waste handling procedures	July 22, 1998, letter[a]

Closure Plan Section/Page	Closure Plan Information, As Submitted	Closure Plan Information, As Revised	Type of Change	Related Correspondence
6.2.4/ 6-19	"Nearby, two 40- x 40-ft evaporation ponds will be constructed for the drying of treated soils."	"Since there will be no treatment of barium contaminated soils, the evaporation ponds have not been constructed. A HE hand-sorting pad of similar dimensions has been utilized in the same location as the evaporation ponds."	Variance to Phase I waste treatment procedures	July 22, 1998, letter[a]

[a] July 22, 1998, letter from Julie Canepa and Theodore J. Taylor to Benito Garcia (LANL 1998, 59714) regarding potential operational deviations from the MDA P closure plan.

[b] March 10, 1999, letter from Benito Garcia to Theodore Taylor and Dr. John C. Brown (NMED 1999, 63074), replying to the November 9, 1998, letter (LANL 1998, 62240) regarding the MDA P Closure Plan and correspondence related to operational deviations.

[c] May 7, 1999, letter from Julie Canepa and Theodore J. Taylor to Benito Garcia (LANL 1994, 63409) regarding submittal of class 1 closure plan modification for MDA P and response to comments contained in the March 10, 1999 letter from HRMB (NMED 1999, 63074).

[d] May 13, 2002, letter from Julie Canepa and Everett Trollinger to John Young (LANL 2002, 73159) regarding submittal of Revised Request for Class 1 Closure Plan Modification for Material Disposal Area (MDA) P.

[e] May 30, 2002, letter from James Bearzi to John Brown and Everett Trollinger (NMED 2002, 73198), regarding Notice of Administrative Completeness and Approval of Revised Request for Class 1 Closure Plan Modification for Material Disposal Area (MDA) P.

[f] August 1999, sampling and analysis plan for MDA P (LANL 1999, 63546).

[g] August 2, 2001, letter from Kenneth V. Bostick to John Young (LANL 2001, 70252) regarding deviations from the MDA P sampling and analysis plan.

[h] April 26, 2001, letter from Julie A. Canepa and Theodore J. Taylor to John Young (LANL 2001, 70272) regarding additional information for MDA P Phase II confirmation sampling.

[i] September 18, 1998, letter from Benito Garcia to Theodore J. Taylor and John C. Brown (NMED 1998, 62559) regarding the requirement of a Class 2 modification for the potential operational deviations from the MDA P Closure Plan.

[j] November 9, 1998, letter from Julie Canepa and Theodore J. Taylor to Benito Garcia (LANL 1998, 62240), responding to the September 18, 1998, letter.

[k] May 20, 1999, letter from Julia Canepa and Theodore J. Taylor to James Bearzi (LANL 1999, 63343) regarding MDA P waste determination strategy.

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U. S. Department of Energy
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Date: May 9, 1996
Refer to: EM/ER:96-265

Mr. Benito Garcia
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: RESPONSE TO THE NOTICE OF DEFICIENCY (NOD) FOR THE MATERIAL DISPOSAL AREA (MDA) P CLOSURE PLAN

Dear Mr. Garcia:

Enclosed is the Los Alamos National Laboratory's response to the New Mexico Environment Department's NOD concerning the MDA P Closure Plan. A certification form signed by the appropriate officials is also enclosed. The enclosed response repeats each comment from the NOD for convenience in reviewing. Also enclosed within this deliverable are two reports dealing with background geochemistry in the vicinity of MDA P. These reports are being provided to partially satisfy General Comment Number 2.

Please contact Dave McInroy at (505) 667-0819 or Mat Johansen at (505) 667-0575, if you have any questions regarding the response to the NOD.

Sincerely,

Jorg Jansen, Program Manager
Environmental Restoration

Sincerely,

Theodore J. Taylor, Program Manager
Los Alamos Area Office

JJ/TT/rfr

Enclosures: Response to NOD for MDA P Closure Plan
Certification

MAY 2 0 1996

Cy (w/encs.):
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N. Naraine, EM-453, DOE-HQ
D. Neleigh, EPA, R.6, 6PD-N, 2 copies
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CERTIFICATION

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.

Document Title: RESPONSE TO THE NOTICE OF DEFICIENCY (NOD) FOR THE MATERIAL DISPOSAL AREA P CLOSURE PLAN

Name: _____ Date: 5-10-96

Jorg Jansen, Program Manager
Environmental Restoration Project
Los Alamos National Laboratory

or

Tom Baca, Program Director
Environmental Management
Los Alamos National Laboratory

Name: _____ Date: 5/10/96

Joseph Vozella,
Acting Assistant Area Manager of
Environment Projects
Environment, Safety, and Health Branch
DOE-Los Alamos Area Office

or

Theodore J. Taylor
Program Manager
Environment Restoration Program
DOE-Los Alamos Area Office

RESPONSE TO THE NOTICE OF DEFICIENCY (NOD) FOR THE MATERIAL DISPOSAL AREA P CLOSURE PLAN TECHNICAL DEFICIENCIES AND COMMENTS

The following comments are provided as a review of the technical completeness of the Los Alamos National Laboratory (LANL) February 1995 Closure Plan for the Technical Area (TA) -16 Material Disposal Area P (MDA P). The first category below contains general comments which are significant items missing from the plan. The second category below includes specific comments about the text of the proposal.

GENERAL COMMENTS:

1. In general, the waste removal operations (Phase 1) appears adequate as presented within the closure plan. Proceeding with Phase 1 cleanup activities proposed within the closure plan should not interfere with the review process and ultimate approval of an adequate closure plan for MDA P. Phase 1 should be implemented as soon as possible by DOE/LANL while NMED and DOE/LANL finalize the closure plan for the entire site.

   LANL will implement Phase 1 as soon as possible. Currently, LANL is performing a biological assessment to determine if any endangered species are nesting within MDA P. This assessment will be completed during May, 1996. Premobilization activities have been started, these activities include construction of decontamination pads and temporary storage areas.

2. The background sampling section raises questions concerning the number of samples or sample sets to be taken and the calculation of Upper Tolerance Limits (UTL) if LANL is not using a 95% upper confidence bound on the 95th percentile to provide a statistically valid comparison. See specific comment #10.

   See the attached background sampling report "Natural Background Geochemistry of the Bandelier Tuff at MDA P, Los Alamos National Laboratory", March 20, 1996 as described on page 11 of the report..

3. LANL proposes to use action levels as potential cleanup levels. This may be appropriate depending on the input parameters utilized for development of preliminary remediation goals (PRG). However, concerns voiced by EPA Region 6 indicate that PRGs may not account for the following considerations: 1) the need to include additive effects of multiple constituents; 2) ecological-risk considerations, and 3) the leaching of contaminants to ground water. If LANL includes in the screening methodology the above considerations, then

the use of Region 9 PRGs may be appropriate for use as action levels at this site.

LANL will take into consideration the need to include additive effects of multiple constituents, ecological-risk considerations and the leaching of contaminants to ground water in addition to using Region 9 PRGs as action levels. The Closure Plan will be revised to incorporate these PRGs.

4. LANL proposes to use an industrial exposure scenario in the development of PRGs and ultimate cleanup criteria decisions. Since this plan is presented as a clean closure equivalency demonstration, it does not seem appropriate to apply industrial land use scenario versus residential standards to a clean closure demonstration. If DOE/LANL proposes closure that is not defined as a clean closure under RCRA, the DOE/LANL should submit an alternate closure plan to include post closure care provisions.

MDA P is located within a secure, explosive, exclusion boundary. TA-16 is continuing to perform high explosive operations and plans to continue as evident in the Laboratory's long range 30 year plan. LANL believes clean closure, using the industrial scenario, will be protective of human health and the environment as required by the closure performance standards described in 40 CFR 265.111. All PRGs within LANL boundaries are being remediated to industrial standards. This issue will be worked to resolution through future meetings with NMED.

5. This closure plan lacks a complete sampling and analysis plan (SAP) to investigate releases from the unit. The approach presented include a confirmatory sampling (Phase 2) event to access the residual contamination in soils and tuff after the waste pile has been removed. As proposed within the Closure Plan, sampling of soil and tuff will only occur within the waste pile boundary and at the waste handling areas at the top of the hill. The area proposed as the waste pile boundary does not include all potential areas of contamination from MDA P (see specific comments below). LANL should revise the Phase 2 sampling plan to include investigation of all potential release areas from the unit and determine naute, rate, and extent of contaminant migration. The current proposal is inadequate.

The sampling grid, shown as Figure 4-1, depicts where samples will be taken. This grid will be revised, and the sampling plan will be revised to extend sampling locations as necessary to determine the extent of potential contamination from MDA P.

MDA P is bounded on three sides by PRS 16-016(c) and 16-010(b), and the stream. These sides have received contamination similar to that in MDA P. These PRSs will be investigated and remediated as part of OU 1082 during the closure time frame of MDA P. The stream side boundary will not be extended as part of the closure. However, any potential contamination, directly attributable to only MDA P will be remediated to acceptable levels. Other sources will be investigated and remediated as part of OU 1082 corrective action activities.

SPECIFIC COMMENTS:

1. 1.0 Introduction, pg. 1-1. "Radioactive waste and mixed waste are not anticipated to be present in this waste pile." Because of this site's long history, the nature of historic activities at LANL and the lack of complete knowledge of process at the site, it is important to characterize all risk, including that associated with radioactive constituents to human health and the environment. Because health risk is being evaluated at this site, it is important to look at the health risk posed by the combination of all contaminants of concern, including radioactive isotope sampling and radioactive concentration terms included in the risk assessment. NMED regulates mixed waste under RCRA and understands that the radioactive waste without any RCRA regulated constituents, if necessary, will be remediated under a different authority.

LANL concurs and will assign a full time radiological controls technician to perform radiological surveys and sample soil for radiological contamination for the duration of field activities.

Radionuclide analyses by gamma spec, gross alpha and gross beta are included in the Phase II verification sampling. If any positive results above background are obtained, this data should be adequate for use in risk assessment.

2. 1.1.1 Waste Pile Boundaries..., pg. 1-4, "Because the stream continues to receive (e.g., barium) from these upstream sources, cleaning up the stream to the clean-closure performance goals would not be possible." It is necessary to characterize the rate and extent of all constituents in all media. LANL states on page 1-5 that the stream contamination will be addressed in the RFI for OU 1082. As this plan is intended to meet the requirement of clean closure as outlined in 20 NMAC 4.1 Subpart V, 40 CFR Part 264.258, all releases from the landfill will be investigated to the extent necessary to determine if the closure performance standard can be met. The boundary of the waste pile presented in Figure 1-4 will potentially change dependent upon the extent of contamination. Clean closure certification will only be achievable if the data can show that releases from the unit have been adequately characterized the extent of contamination has been determined, and it is determined that after corrective

action has been performed that all hazardous waste residues from MDA P have been removed to the extent necessary to protect human health and the environment.

LANL agrees that clean closure will be achieved when all hazardous waste residues from MDA P have been removed to the extent necessary to protect human health and the environment.

3. 1.1.1 Waste Pile Boundaries . . . , pg. 1-4, It is not acceptable to defer the investigation of releases to ground water or other potentially contaminated media or area from this unit when attempting to demonstrate clean closure equivalency. This section should be revised to include all potential areas impacted by releases from the waste pile during Phase 2.

After MDA P is removed, to demonstrate clean closure equivalency for ground water and other media, LANL will place four borings in the canyon between the landfill and the stream. These borings will be closer to the stream than the landfill as the TEGD wells already at the toe of MDA P have never had volumes of water in sufficient quantity to collect samples. Alluvial water, sediment and underlying tuff will be sampled to determine what impact, if any, there may have been on these media in the canyon. Additional bore holes and steam sediment samples may be determined to be necessary during Phase 2 confirmatory sampling. The number and location of these samples will be negotiated with NMED.

4. 1.1.2 Contingent Approach, pg. 1-6, The closure standards of 20 NMAC 4.1 Subpart V, 40 CFR 264.258(b) require that, if waste residues are above acceptable risk levels based on acceptable ecological and health-based risk models, then the owner must comply with all post-closure requirements. The demonstration of a clean closure by removal or decontamination must clearly show that all wastes, hazardous constituents, and contaminated media (including ground water) have been removed to the extent necessary to protect human health and the environment as required per 20 NMAC 4.1 Subpart V, CFR 264.258(b). The general approach presented in the closure plan to compare background UTL and PRGs with residue contamination to demonstrate clean closure equivalency may be appropriate. However, as noted in EPA Guidance Risk Assessment Guidance for Superfund (RAGS) December 1991, the PRGs may differ from final remediation levels, and a risk assessment approach should be employed to determine final media clean-up standards. The determination of clean closure by an equivalency demonstration will be evaluated once date is available. As recently proposed by LANL in a December 1, 1995 letter to Barbara Driscoll, DOE/LANL believe it is appropriate to adopt the EPA Region 9 PRGs as SALs for use in screening. The adoption of PRGs would eliminate the comparison of Phase 2 data to SALs in the decision criteria for determination of extent of contamination as proposed

in this closure plan. DOE/LANL should revise the appropriate sections within this closure plan to reflect the adoption of the EPA Region 9 PRGs as action levels.

Region 9 PRGs will be used as action levels. A risk-assessment may be employed to determine final media clean-up standards if Region 9 PRGs cannot be met.

5. 1.1.2 Contingent Approach, pg. 1-6, This section should be revised as follows, "If the remaining Appendix VIII constituents equal or exceed" EPA Region 9 PRGs, then a risk assessment may be conducted in accordance with EPA guidance. NMED will review the Phase 2 results and determine if a risk assessment is needed.

The section will be revised to identify use of Region 9 PRGs.

6. 1.1.2 Contingent Approach pg. 1-6, "If additional waste must be removed, . . . to reduce risk of target level based on industrial exposure settings." LANL may propose an industrial setting for risk, but a residential scenario is required for comparison purposes. Additionally, future land use is a major consideration. Therefore, LANL should use a residential land use scenario, a hazard index of 1 or less, and 10^{-6} or less increase in cancer risk over background. Additional risk assessment calculations based on other assumptions may be presented in addition to the most conservative scenario. See general comment #3.

See answer to General Comment #4.

7. 3.2.2, . . General S-Site Information, P.3-10, "Based on this information, it is likely that RCRA F-listed Solvent (F001, F002, F003, and F005) may have been used at the S-Site, but it is not likely that they were disposed of unburned at the waste pile. Records indicate that solvents were discharged via outfalls or burned at the burn site." Since the facility lacks complete records of items disposed at this site and NMED personnel have observed laboratory type amber bottles containing liquid in debris at the unit, it is recommended to modify this statement to reflect site conditions.

The statement will be revised to include the fact that bottles containing liquid may be present in the debris.

8. 4.1.1, . . Background Sampling, pg. 4-2, The Background Sampling Plan must be submitted to NMED in response to the NOD.

Please see the attached background reports.

9. 4.1.1, . . Background Sampling, pg. 4-1, The statistical analysis of UTL for background values should be calculated based on the 95% upper confidence limit of the 95 percentile.

Samples collected near MDA P should identify the soil horizon or geological unit from which samples are to be collected. Background values should be compared with values presented in the latest background document drafted by Longmire, et al.

The attached background chemistry reports for Area P soils and tuff by Broxton , et al. (1996) and McDonald, et al. (1996) include specific UTLs for each soil horizon and tuff unit. Area P values are compared to Lab-wide background values for comparable stratigraphic units in both reports.

References

Broxton, D. E., R. T. Ryti, D. Carlson, R. G. Warren, E. Kluk and S. Chipera, 1996. Natural Background Geochemistry of the Bandelier Tuff at MDA P, Los Alamos National Laboratory. Los Alamos National Laboratory Report LA-UR-1151. 42 pp.

McDonald, E.V., R. T. Ryti, P. A. Longmire, and S. L. Reneau, 1996. Background Geochemistry of Soils and Colluvium at MDA P, Los Alamos National Laboratory. Los Alamos National Laboratory Report LA-UR-96-1092.

Also, these reports used the 95% - 95% statistical approach.

10. 4.2.1, Sampling of Soil Beneath, . . . , Waste Pile, pg. 4-6. "Only the grids located within the surveyed waste pile project boundary will be sampled." This sentence should be revised to incorporate all potentially impacted contaminant areas into the sampling grid.

See General Comments #5.

11. 4.8.4.1, Data Review, . . . , pg. 4-30, "During data validation, if field, equipment rinsate, or trip blank samples for a site sampling event or for a sample delivery group contain detectable concentrations of common laboratory contaminants or the major actions, the analytical results will only be considered positive if the concentration exceeds 10 times the maximum concentration in the blank(s)." LANL's data validation should be consistent with the following EPA document: "Guidance on Evaluation, Resolution and Documentation of Analytical Problems Associated with Compliance Monitoring, "EPA 821-B-93-001. February 1993. If the environmental sample has a concentration less than two times the applicable blank, this does not mean that the particular constituent is

not actually present and may require re-sampling and verification This section should be revised accordingly

During data validation, if field equipment, rinsate, or trip blank(s) samples for a site sampling event or for a sample delivery group contain detectable concentrations of common laboratory contaminants or the major cations, positive sample results will be reported unless the concentration of the compound/cation in the sample is less than or equal to ten times the amount in any blank for the common laboratory contaminants, or less than or equal to five times the amount for other analytes. This approach is consistent with the Contract Laboratory Program Function Guidelines, EPA/540R-94-013, Feb. 1994.

12. 5.0 Ground Water Monitoring Program, pg. 5-1, LANL shall rewrite this section to be consistent with the above approach. As a part of Phase 2 activities, all releases from the waste pile must be characterized and the extent and rate of contamination determined. LANL shall install monitoring wells within the shallow "alluvial" ground water to determine the extent of releases into this medium.

LANL has attempted to collect groundwater samples in the past from wells installed at MDA P at the point of compliance. These wells have never had volumes of water in sufficient quantity to collect samples. However, as previously stated, four boreholes will be drilled and samples of alluvial water, sediment and underlying tuff will be collected to demonstrate what impact, if any, may be attributable to MDA P.

See Specific Comment #3.

13. 6.1.1.2 Closure/Decontamination Standard, pg. 6-3, This section should be revised to be consistent with general comments #2 and 5 and specific comments #1, 4, 5, 6 and 8 mentioned above regarding proposed cleanup levels, activities for Phase 2 and all risk-assessment concerns.

The section will be revised.

14. 6.1.1.2, pg. 6-2, This section should be revised to include a Sampling and Analysis Plan (SAP) to investigate all releases from the unit to media of concern. SAP for surface water, ground water and soil/sediment should be drafted as a part of Phase 2 activities. Particular emphasis should be placed on collecting samples down canyon from MDA P and near the large drainage on the Eastern side of the unit. Particular attention should be focused on the depth and the geomorphic position from which samples are collected so that representative samples are taken.

As proposed in the clean closure plan, borings and sediment sampling, and surface water sampling will occur at specified locations after the site debris has been removed (e.g., within the canyon and stream and eastern drainage). Phase 2 sampling requirements outlined in Section 4.2 of the Closure Plan field screening methods may be used to bias sample locations to insure representative samples are collected.

RESPONSE TO THE NOTICE OF DEFICIENCY (NOD) FOR THE MATERIAL DISPOSAL AREA P CLOSURE PLAN ADMINISTRATIVE DEFICIENCIES

GENERAL COMMENTS:

In response to DOE/LANL redesignation of MDA P as a Waste Pile NMED does not agree with the reasoning or references to Waste Pile in the closure plan. Under the provisions of 20 NMAC 4.1 Revised November 1, 1995, subpart VI at 40 CFR Subpart 265.300, the regulations in this subpart apply to owners and operators of facilities that dispose of hazardous waste in landfills, except as Subpart 265.1 provides otherwise. MDA P is used as a disposal facility and a landfill governed by this subpart. After over 40 years of use as a "Material Disposal Area" DOE/LANL may not redesignate MDA P as a "Waste Pile." It is recommended that references to waste pile be adjusted accordingly.

Under the provisions of 20 NMAC 4.1, Subpart IX, Subpart 901A "Owners and operators of surface impoundments, landfills, land treatment units, and waste pile units that receive wastes after July 26, 1982, or that certified closure (according to Subpart 265.115) after January 26, 1983, must have post-closure permits, unless they demonstrate closure by removal as provided under Subpart 270.1 (c) (5) and (6)." NMBD interprets this to mean MDA P may be closed by removal of waste. It is recommended that pages referring to Waste Pile be adjusted accordingly.

LANL proposed to recharacterize MDA P from a landfill to a waste pile based on two informational sources; in volume 59, No. 215 Federal Register (FR), page 55779 (November 9, 1994), and an OSWER Policy Directive. The Policy Directive, from Sylvia Lowrance, Director, Office of Solid Waste, US EPA, to Regions I-X, dated May 12, 1989 is on clean closure equivalency demonstrations. This document states "EPA interprets its regulations to allow landfills from which wastes have been removed at closure to accomplish "clean closure" and, if closed under 40 CFR 265 standards, to allow an equivalency demonstration to be made under 40 CFR Section 270.1(c)(5) and (6), through redefinition of the landfill as a waste pile, surface impoundment, or land treatment unit."

59 FR 55779 states "Under parts 264 and 265, subpart L, owners and operators of landfills are required to cover the unit with an impermeable cap designed to prevent infiltration of liquid in the unit. . ."

LANL intends to remove all waste and associated contamination from MDA P. LANL will revise the closure plan to refer to the unit to be closed as MDA P. The unit will not fit the definition of a landfill when all waste is removed. LANL will close MDA P per 20 NMAC 4.1 265.250.

SPECIFIC COMMENTS:

1. Section 6.1.1.1, pp. 6-2, Paragraph 4. This section does not address mixed waste. Should mixed waste be discovered, DOE/LANL must notify NMED by telephone within 24 hours of the discovery and within 72 hours in writing. [40 CPR Subpart 270.30 (h)] and an amended closure plan addressing handling of the mixed waste component will be submitted for handling of the mixed waste component will be submitted for review to NMED by DOE/LANL within 30 calendar days of mixed waste discovery at MDA P. [40 CFR Subpart 265.112(c) (4)] not in 60 days as currently stated in the closure plan by DOE/LANL.

   LANL is unclear on why NMED requests telephone and written notification as an emergency if mixed waste is encountered. LANL has identified mixed waste in the Closure Plan and we do not believe that the discovery or confirmation of that waste stream is an emergency situation which would require telephone and written notification. LANL does not anticipate any change in closure activities should mixed waste be encountered. We will manage mixed waste as another waste stream within the constraints of RCRA. LANL does not anticipate that a modification of the Closure Plan, based on the discovery of mixed waste, will be necessary.

2. Section 2.1.1.3, pp. 2-4, entire section. DOE/LANL needs to submit information about the possible impact of the Run-on/Run-off control trench and its effect on transporting surface contamination from SWMUs 16-016(c), 16-010(b) and the barium nitrate SWMU near the burn pad at the top of the MDA P hill. The trench runs through SWMUs 16-016(c) and 16-010(b) and may acquire and transport contamination from these SWMUs during storm events.

   The mentioned run-on/run-off diversion channel above MDA P was installed at the direct request of NMED approximately two and a half years ago. The channel appears to have functioned properly since that time by physical evidence that no up-gradient run-off has run onto MDA P.

   There is no evidence that a point discharge is associated with any of the mentioned SWMUs, and therefore transportation of surface contamination is not likely to occur. During MDA P remediation activities, extension of the run-on/run-off control channel around the active operations and control of run-off from these areas will be enhanced by the installation of additional controls (i.e., silt fences, straw bales). Barring catastrophic events, there should be no impact due to run-off during remediation of MDA P.

3 Section 2.2, pp. 2-7, Paragraph 2. Section does not refer to the uppermost aquifer as required by 40 CFR Subpart 265 Subpart F

LANL has drilled several boreholes that would be within the point of compliance for MDA P. These boreholes were completed as monitoring wells. No water has been collected from these wells. Also, a deep borehole in the vicinity of MDA P (near the sand vessels at the burn ground) was drilled to 200 feet. No water was encountered in this borehole. LANL proposes to sample the alluvial water, sediment and underlying tuff approximately five feet south of the stream to demonstrate that there is no contaminant contribution. One sample, every five feet to a depth of 20 feet, will be analyzed for metals, VOCs and semivolatiles. The subsurface saturated zone closest to MDA P is the alluvial ground water associated with the stream. As described in the response to technical specified comment #3, LANL will investigate the potential for impacts to this groundwater.

4. Section 3.2.1, pp. 3-9, Paragraph 4 and Section 3.2.2, pp. 3-10, Paragraph 5. States "All solvents wastes were burned," NMED is in receipt of documentary evidence, Jacobs Engineering Group Summary Report dated December 23, 1986, page 11, which states ". . . Acetone and methanol in cans, jars and drums" are present in the landfill. DOE/LANL must address the discrepancy between the Closure Plan sections cited in lines one and two of this comment and technical deficiency 7, on page 4 of attachment A in references to December 23, 1986, Jacobs Report.

The closure plan will be revised to include the fact that bottles containing liquid or solvents may be present in the debris.

5. Prior MDA P Closure Plan Disapprovals were based in part on incomplete waste characterization. Closure by removal under 40 CFR Subpart 270.1 (c) will require complete characterization of the site while undergoing closure. DOE/LANL needs to present more detailed information about the characterization methods and number of sampling(s) for treatment determination.

Soil and tuff will be segregated based on visual observation and field instrument (XRF, PID, LIBS) readings. The resulting batches will be sampled for contaminants as described in Table 4-2. At least one fixed laboratory sample will be taken for every 100 cubic yards of soil generated.

Debris will be segregated based on visual observation and field instrument readings. The resulting batches will be sampled for contaminants as discussed in Table 4-2. Whenever possible,

debris will be sampled directly. However, if the debris cannot be sampled, the rinse water from decontamination will be sampled and analyzed to determine if the debris has reached the decontamination standard.

Any soils which require treatment may be treated on-site or off-site. If treated on-site, the soil will be sampled and analyzed to determine if the treatment method was effective. The soil will be sampled at least once per 100 cubic yard batch or at least once per waste stream, whichever is less. The analysis performed prior to treatment is shown in Table 4-2. The post treatment analysis will be conducted to determine if the contaminant of concern has been stabilized.

Table 4-2 is included for reference with this response.

6. Section 4.1.3, pp. 4-3, entire section. Spot sampling for HE contamination. EPA has stated in the past that insufficient validation of the DOE/LANAI HE Spot Test has been completed and that there must be more Spot Test Validation performed before its acceptance as a primary characterization method. Meeting discussions on the HE Spot Test Validity, October 17-20, 1995, at Los Alamos fixed laboratory results and spot test results 3 for EPA to accept HE Spot Test results. NMED accepts the use of HE Spot Test in Appendix H of the closure plan for screening purposes only. HE Spot Tests are not acceptable for site characterization.

HE spot tests will be used for personnel safety when handling debris. EPA SW846 method 8330 will be used to determine if the decontamination standard has been met.

7. DOE/LANL must also obtain necessary permits from the Corps of Engineers (401 or 404 Permit) regulating activities impacting the stream. DOE/LANL must submit a copy of the permit or evidence that additional permits are not required prior to beginning of waste removal.

LANL wil submit the required permits.

8. Within 60 days of the receipt of this NOD, DOE/LANL must submit an application for Temporary Unit under the provisions of 40 CFR Subpart 264.553 if operations are to begin in the Spring of 1996. NMED has forwarded, as Attachment C of the NOD, a copy of the" Administrative Review Checklist for Temporary Unit (Corrective Action)" to assist DOE\LANL with the rapid production of a high quality Temporary Unit Application.

LANL does not anticipate the need for a Temporary Unit. If future closure activities require a Temporary Unit, the application will be submitted to NMED.

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Date: July 22, 1998
Refer to: EM/ER:98-232

Mr. Benito Garcia
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

Received by EH-RP
JUL 28 1998

SUBJECT: POTENTIAL OPERATIONAL DEVIATIONS FROM THE MDA P CLOSURE PLAN

Dear Mr. Garcia:

The purpose of this letter is to outline potential operational deviations from the approved Closure Plan that may occur during waste removal activities at Material Disposal Area (MDA) P, and to follow-up as requested during the meeting with representatives of the Hazardous and Radioactive Materials Bureau on June 17, 1998, at which these potential operational deviations were discussed.

In November of 1997, detonable pieces of high explosives (HE) were discovered during the excavation of test pits into MDA P. The presence of these detonable pieces of HE has caused a schedule delay in the implementation of the approved Closure Plan in order to re-evaluate all safe operating practices. Depending on whether a risk assessment will be required, Los Alamos National Laboratory may or may not exceed the 24 to 26 months allowed to complete closure activities as depicted in Figures 6-2 and 6-3 of the approved Closure Plan.

The following operational activities have been modified or added to accommodate either safety or waste management issues.

- The site layout has been modified to allow 100-ft buffer areas for safe operating distances (to allow for potential detonation over-pressures) between waste management operations that will proceed concurrently. Waste management operations include excavation, segregation, sorting, decontamination, and treatment. Portable blast shields will be in place to protect personnel from secondary fragments.

- A hand-sorting pad will be constructed west of the interim status 387 Burn Pad. It will consist of a curbed, concrete pad with a water collection sump, underlain by an appropriate liner. Space restrictions require that the pad be built on or near overlapping solid waste management units adjacent to MDA P [16-016(c) and 16-010(b)].

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- Water from decontamination and sorting operations will be reused by recycling it through a filtration system. This system will consist of a skid-mounted filter system plumbed to fractionation and holding tanks installed in a bermed area lined for secondary containment. Filters generated as a result of this process will be managed as listed hazardous waste (K045).

- Residues resulting from generator treatment of barium contaminated soils will be sampled and analyzed for proper waste management. The approved Closure Plan generally specifies that sampling and analysis will be done for proper disposition of waste, but does not contain definitive language for residues from onsite treatment.

- The land disposal treatment standard for barium has changed as of May 26, 1998 (*63 FR 28555*). Because barium contaminated soil will be stabilized onsite, the Laboratory requests a determination of whether it should use the updated treatment standard for industrial hazardous waste or whether it could use the new soil treatment standard of a 90% reduction of the concentration of hazardous constituents, capped at 10 times the universal treatment standard.

- Detonable pieces of HE will be segregated from soils by trained, experienced personnel. The HE will be managed as characteristic hazardous waste (D003) and treated by Laboratory personnel at the interim status 387 Burn Pad. Generated soil will not be considered listed hazardous waste (K044) because, to the best of our knowledge, all wastewater treatment sludge from the manufacturing and processing of explosives was burned to remove the characteristic (reactivity) for which it was listed; thereby rendering it no longer listed per the mixture rule. Since detonable pieces of HE will be segregated from soil, the soil will not be considered a reactive characteristic hazardous waste (D003).

- A large volume of clean fill that composes the morphologic feature of MDA P will not be removed, but will be sampled during the Phase II verification activities. The entire southern part of the morphologic feature of MDA P is composed of apparently uncontaminated soils placed during the original construction of the burning grounds in 1950. Waste disposal occurred over the leading edge of the soils and aggregated over time.

- The estimated number of soil samples to be collected during Phase I will be proportional to the reduced estimated volume of waste to be excavated, segregated and managed.

- The schedule for project completion is currently unknown, but may require a plan modification if it deviates from the original schedule specified in Figures 6-2 and 6-3 of the approved Closure Plan.

A table was developed outlining the existing sections of the approved Closure Plan and the potential deviations from the plan. This table is enclosed as requested during the meeting. The Laboratory is in the process of implementing closure activities; therefore, we request your concurrence that all potential deviations may be

documented in the Closure Certification Report as operational deviations (unless the "Potential Deviation" column specifies that modification of the Closure Plan is required by July 31, 1998). We are also requesting your assistance with determining the appropriate land disposal treatment standard for barium contaminated soil, as mentioned above.

If you wish to further discuss the subject of this letter, please contact Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

Julie Canepa, Program Manager
EM/ER

Sincerely,

Theodore J. Taylor, Program Manager
DOE/LAAO

JC/TT/HW/dm

Enclosure: TA-16 MDA P Closure Plan Deviation Review

Cy: K. Bostick, EES-15, MS J495
J. Elvinger, ESH-19, MS K490
T. Grieggs, ESH-19, MS M992
H. Haynes, LAAO, MS A316
D. McInroy, EM/ER, MS M992
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M. Leavitt, NMED-GWQB
J. Parker, NMED-HRMB
G. Saums, NMED-SWQB
S. Yanicak, NMED-AIP, MS J993
EM/ER File (CT #C084), MS M992
EM/ER File, MS M992
[redacted]

Subsection / Page	Closure Plan Language	Potential Deviation[1]
1.1.3 / 1-9 6.2.4 / 6-21	After the waste materials are removed and decontaminated, the underlying soil will be over excavated... the approximate depth of this over excavation is expected to be two feet. Excavation will continue until the closure standards are thought to have been reached. This over excavation is estimated to be approximately 2 ft deep.	Because of the presence of highly welded tuff underlying MDA P, over excavation of two feet will be attempted, as necessary, but may not be possible due to geologic conditions. There are two units of the Bandelier Tuff underlying MDA P. The upper part of MDA P rests on unwelded tuff that excavates easily; the lower part rests on highly welded tuff that forms a very resistant ledge and is very difficult to excavate.
2.1.1.3 / 2-4	A surface run-on trench was installed in 1994 as a mechanism for erosion control [that] redirects rainwater and snowmelt around the waste pile [and] serves to limit infiltration of water into the waste pile.	As part of the waste handling and management systems required, the west end of the trench will be filled with gravel to create a French drain. Water will be redirected around the new hand-sorting pad into the French drain. The sorting pad will have its own water containment and collection system.
Table 3-4 / 3-13	Note (b) Because the HE was burned before disposal, D003 and K044 waste is not expected to be present. If the waste exhibits the characteristic of reactivity due to explosivity, it will be classified as D003 and K044 waste.	Detonable pieces of HE were observed during the excavation of test pits. All detonable pieces of HE will be separated from soil by hand, thereby; soil is not expected to exhibit the characteristic of reactivity. The pieces of HE will be managed as characteristic hazardous waste (D003) and treated by LANL personnel at the interim status 387 Burn Pad. Pieces of detonable HE are not considered sludge, therefore, K044 will not apply.
4.1.2 / 4-3	Baseline levels will be established for the soil at the top of the mesa in the approximate location of the closure waste handling/ management areas... baseline levels will be established by collecting 10 samples from locations distributed over the... area	Baseline levels for the newly established hand sorting and generator treatment area will be established by collecting additional samples in accordance with the Closure Plan to delineate contamination generated from closure activities from existing contamination within the adjacent SWMUs.
4.1.3.1 / 4-3	Based on the estimated waste pile volume (30,000 yd^3), a total of approximately 300 composite samples will be collected.	Because the estimated waste volume has been revised to (11,000 yd^3), the number of samples to be collected will be proportional to the revised

[1] Potential deviations from the approved Closure Plan will be documented in the Closure Certification Report unless otherwise specified.

		estimate (e.g., a total of approximately 110 composite samples will be collected).
4.2.2 / 4-6	If sample analysis indicates that contamination levels are above the preremoval baseline UTLs, contamination will be removed, and resampling will occur until preexisting baseline levels are reached.	Because the hand sorting pad and the generator treatment area will overlap SWMUs, the areas will be sampled and decontaminated as required.
6.1.1.4 / 6-7	An amendment to the Closure Plan will be submitted to the NMED whenever... a change occurs in the expected year of closure...	The presence of detonable pieces of HE has caused a schedule delay in the implementation of the approved Closure Plan in order to re-evaluate all safe operating practices. If a change of the expected year of closure occurs, an amendment to the Closure Plan will be submitted.
6.1.2.2 / 6-9 6.2.7 / 6-26	If completion of final closure will take longer than 26 months from the time the closure plan is approved, the Laboratory will submit a closure plan amendment... If a risk assessment is necessary but additional waste removal is not required, the total time to complete closure is estimated to be 26 months... This schedule assumes no unanticipated delays.	Unanticipated delays have been incurred due to the presence of detonable pieces of HE. If it is determined that closure will exceed, the schedules provided in Figures 6-2 and 6-3 of the approved Closure Plan, a plan amendment will be submitted.
6.2.4 / 6-19	Nearby, two 40-ft by 40-ft evaporation ponds will be constructed for the drying of treated soils	The evaporation ponds will not be utilized, but will be replaced by a HE hand-sorting pad of similar dimensions. The hand-sorting pad will be located west of the 387 Burn Pad and will overlap SWMUs 16-016(c) and 16-010(b)
6.2.6 / 6-25	If the treatability study is conducted onsite, the NMED Director will be notified in writing...	A treatability study will be conducted by an off-site laboratory. Current NMED regulatory requirements do not specify notification for off-site treatability studies.

6.2.6 / 6-25	This segregation area will be used for temporary storage of soils/debris in rolloff boxes or other containers and temporary storage of liquids in drums	The segregation area will be used for staging of debris. Large debris will not be staged in containers, small debris will be staged in wire cage pallets to minimize handling. Liquids will be staged in a separate area within MDA P.
6.2.6 / 6-25	The treatment tank used for soil stabilization will be within this segregation area and bermed separately	The treatment system used for soil stabilization will be located in a separate area to the southwest of MDA P

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GARY E. JOHNSON
GOVERNOR

PETER MAGGIORE
SECRETARY

ER PROJECT OFFICE RECEIVED SEP 22 [redacted]

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September 18, 1998

Mr. Theodore Taylor, Program Manager
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Los Alamos, New Mexico 87544

Dr. John C. Browne, Director
Los Alamos National Laboratory
P. O. box 1663, MS A100
Los Alamos, New Mexico 87545

Re: Requirement for Class 2 Permit Modification for the Potential Operational Deviations from the MDA P Closure Plan

Dear Mr. Todd and Dr. Browne:

This letter is in response to Los Alamos National Laboratory's (LANL's) correspondence dated July 22, 1998 (EM/ER:98-232), regarding the Potential Operational Deviations from the MDA P Closure Plan. Class 2 Permit Modifications requirements and technical issues arising from the contents of LANL's letter are addressed below.

The changes to the closure plan described are a result of unexpected events occurring during closure of the site. According to 20 NMAC 4.1, subpart IX, 40 CFR 270.42, Appendix I - D, Closure a Class 2 Permit Modification is required for "Changes in approved closure plan resulting from unexpected events occurring during partial or final closure, unless otherwise specified in this Appendix." Furthermore, the necessity for a temporary unit requires a Class 2 permit modification. Therefore, LANL shall submit the changes as a Class 2 Permit Modification request.

Based on the proposed changes in LANL's July 22, 1998 letter, the following technical issues shall be addressed in the Class 2 Permit Modification request.

1. All proposed changes to the closure plan to include high explosive (HE) handling

processes shall be clarified using process flow diagrams and narrative summaries that illustrate and describe all waste streams and their ultimate disposal.

2. Up-to-date figures illustrating the proposed new processes shall be included.

3. The filtration system and sorting pad shall meet the requirements for temporary units as defined in 20 NMAC 4.1, 40 CFR 264.553 - temporary units, and 40 CFR 270.42 Appendix I.D.3.e - requirements for a Class 2 permit modification.

4. The state of New Mexico has not adopted the new land disposal requirements (LDR's) and therefore the more conservative concentration for barium still apply.

5. If the proposed hand-sorting pad is constructed over an existing potential release site then using this area for baseline sampling is not acceptable.

6. LANL shall include waste analysis plans (WAP's) for all waste streams including filters and soil generated from the sorting operation. A WAP may not be necessary for the decon water used in steam cleaning the debris if all LDR requirements for debris alternative treatment standards are met. These WAP's shall include sampling for underlying constituents and radioactivity.

7. Closure performance standards of SAL's or risk based clean up levels shall be met. If limited excavation of the tuff is proposed, additional sampling shall be proposed where contamination is below SAL's or risk based clean up levels is left in place.

8. LANL shall provide an adequate sampling and analysis plan which addresses depth (e.g. every 2 feet), location, and percentage of full suite analysis, to confirm the identified clean fill area. This sampling and analysis shall be performed in Phase I. If contamination is found above the performance standards the removal procedure shall be described. Rather than perform a detailed sampling and analysis plan of the clean fill it may be economically beneficial for LANL to choose to remove the clean fill and dispose of appropriately.

NMED suggest that DOE/LANL work closely with NMED AIP staff in preparing the class 2 permit modification request to ensure that the level of detail of the responses is adequate.

DOE/LANL must submit a class 2 permit modification request which addrsses the items listed above within sixty (60) calendar days of receipt of this letter.

Should you have any questions regarding this letter, please contact me or Mr. John Kieling, HRMB's LANL Facility Manager, at (505) 827-1558.

Sincerely,

Benito J. Garcia, Chief
Hazardous and Radioactive Materials Bureau

BJG:lw

CC w/ attachments:
J. Canepa, LANL EM/ER, MS M992
J. Davis, NMED SWQB
J. Ellvinger, LANL ESH19, MS K490
B. Garcia NMED HRMB
M. Johansen, DOE LAAO, MS A316
J. Kieling, NMED HRMB
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D. Neleigh, EPA, 6PD-N
J. Parker, NMED DOE OB
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File: Reading and RED LANL TA-16, MDA P'98
Track: LANL, 9/18/98, NM, DOE/LANL, HRMB/Garcia, RE, File

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Date: November 9, 1998
Refer to: EM/ER:98-442

Mr. Benito J. Garcia
HRMB-NMED
P.O. Box 26110
Santa Fe, New Mexico 87502

SUBJECT: RESONSE TO SEPTEMBER 18, 1998, LETTER FROM HRMB AND SUBSEQUENT MEETING REGARDING THE REQUIREMENT FOR A CLASS 2 MODIFICATION FOR THE POTENTIAL OPERATIONAL DEVIATIONS FROM THE MDA-P CLOSURE PLAN

Dear Mr. Garcia:

The purpose of this letter is to provide the Hazardous and Radioactive Materials Bureau (HRMB) additional information on the technical issues identified in the letter to Los Alamos National Laboratory dated September 18, 1998, from HRMB. In addition, this letter provides a summary of the meeting held with representatives of the HRMB and the Department of Energy (DOE) Oversight Bureau on October 5, 1998, and includes additional information, as requested by HRMB after the meeting. This information is included as Enclosure 1. Further, the Laboratory requests concurrence in writing that substituting the alternative treatment standard for hazardous debris for the verification standard currently contained in the approved Closure Plan does not constitute a modification of the plan.

The September 18, 1998, letter from HRMB indicates that the changes specified in the Laboratory's letter dated July 22, 1998, regarding potential operational deviations from the Material Disposal Area P (MDA-P) Closure Plan were considered "unexpected events occurring during closure of the site." HRMB appears to be referring to safety and waste management operational issues regarding detonatable pieces of high explosive (HE) to be remediated within the MDA-P Area of Contamination (AOC). Although the size and concentration of detonatable pieces of HE prompted changes regarding operational safety, these changes have not altered the Laboratory's ability to meet the closure performance standard. The Laboratory believes that finding detonatable pieces of HE within the AOC was not unexpected as the following language in the approved Closure Plan explicitly refers to the presence of HE at the site. The plan states "One safety officer, employed by the contractor, will be responsible for general safety. The second safety officer, employed by Laboratory Technical Area (TA) 16 operations, will be responsible for evaluation of **any HE** [emphasis added] contamination in the excavated material."

Further, Section 6.1.1.4 of the approved Closure Plan indicates that "No changes in unit operating plans or design are expected that would require amendment of the closure plan." This section also describes an unexpected event as something that "would include the discovery of hazardous waste or mixed-waste residuals that cannot be removed or decontaminated to meet the closure performance standard or additional excavation and sampling that may be required (e.g., removing contaminants in cracks or fractures)." Finally, Table H-8 of the approved Closure Plan in Appendix H lists specific HE analytes relative to Method 8330 which will be used for verification sampling of waste generated during closure activities. In summary, the Laboratory concludes that there is ample language in the approved Closure Plan to support the proposition that the presence of HE in the AOC was not an "unexpected" event. Thus, the Laboratory believes that a class 2 modification of the approved Closure Plan is not required and consequently, should not be submitted.

The Laboratory does recognize that any change in the schedules provided in Figures 6-2 and 6-3 of the approved Closure Plan would require an amendment to the plan pursuant to 20 NMAC 4.1, Subpart VI, [40 CFR 265.112] and Section 6.1.2.2 of the approved Closure Plan.

As indicated by Lee Winn of HRMB, in the October 7, 1998, telephone conversation, it does not appear that the Laboratory is required to submit a Class 2 modification of the approved Closure Plan.

If you desire to discuss the subject of this letter, please contact Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely

Julie Canepa, Program Manager
EM/ER Project

for Theodore J. Taylor, Program Manager
DOE/LAAO

JC/TT/HWB/dm

Enclosures: Response to Technical Issues
Flow Diagrams
MDA-P Site Map
Waste Analysis Plan for Barium-Contaminated Soil

Cy: K. Bostick, EES-15, MS J495
B. Crizwell, Roy F. Weston, MS M992
S. Den-Baars, IT Corporation, MS K490
J. Ellvinger, ESH-19, MS K490
T. Grieggs, ESH-19, MS M992
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M. Leavitt, NMED-GWQB
J. Parker, NMED-HRMB
G. Saums, NMED-SWQB
S. Yanicak, NMED-AIP, MS J993
EM/ER File (CT# 546), MS M992
EM/ER File, MS M992
RPF, MS M707

Enclosure 1
Response to Technical Issues

Responses to specific technical issues raised in the letter from HRMB dated September 18, 1998 are addressed below. To facilitate review of this response, the wording on technical issues in HRMB's September 18, 1998, letter is included verbatim in italics. The Laboratory's response follows each HRMB comment.

RESPONSE TO TECHNICAL ISSUES

1. *All proposed changes to the closure plan to include high explosive (HE) handling processes shall be clarified using process flow diagrams and narrative summaries that illustrate and describe all waste streams and their ultimate disposal.*

Although process flow diagrams of waste management operations were not required in the approved Closure Plan, the following are included as Enclosure 2 for your information.

- Excavation Process Flow
- Process Flow for Soils
- Process Flow for Debris

The Laboratory previously provided this information during a presentation on June 17, 1998, prior to submittal of our July 22, 1998, letter. Laboratory representatives also escorted a representative from the DOE Oversight Bureau of New Mexico Environmental Department (NMED) through the site on September 2, 1998, to view the area and an updated map of the site first hand.

2. *Up to date figures illustrating the proposed new processes shall be included.*

The only "new process" proposed in our July 22, 1998, letter was the proposal to reclaim decontamination water and water generated during waste management operations within the AOC, such as excavation de-watering and run-off (collected in sumps) from staged soil or debris. However, due to operational considerations, the reclamation of decontamination water and the use of a filtration system associated with that process will not be implemented. Hence, no new processes are being proposed.

Waste segregation (i.e., segregating detonable pieces of HE from soil within MDA-P) is not considered treatment: it is segregation. The Federal Register dated March 8, 1990 (*55FR, 8759*) indicates that if RCRA standards were applied to each movement of waste already in a unit, "...virtually no operational activities could occur at any RCRA land disposal unit containing hazardous waste without pretreatment of any waste disturbed by the operation: clearly an infeasible approach." Waste segregation is a common practice at RCRA corrective action sites and is necessary to facilitate final disposition of generated waste streams from these sites (i.e., to meet the receiving facility's waste acceptance criteria).

3. *The filtration system and sorting pad shall meet the requirements for temporary units as defined in 20 NMAC 4.1, 40 CFR 264.553-temporary units, and 40 CFR 270.42 Appendix I.D.3.e-requirements for a Class 2 permit modification.*

As previously stated, the reclamation of decontamination water and the use of a filtration system associated with that process will not be implemented.

The sorting pad is contained within the AOC at MDA-P and is shown in the map provided as Enclosure 3. The Laboratory believes that the process of segregating pieces of HE from soil excavated at MDA-P clearly does not constitute treatment because it does not alter the chemical or physical characteristics of the waste streams generated (e.g., detonable pieces of HE retain their chemical and physical composition and contaminated soil retains its chemical and physical composition). These waste streams must be segregated because they are subject to different treatment standards and will be managed at different facilities. Environmental Protection Agency (EPA) policy allows repositioning of waste within the AOC without being considered newly generated and thus, the waste is not regulated as stored hazardous waste. In addition, Section 6.2.4 of the approved Closure Plan allows for segregation of waste materials. The excavation process flow diagram is provided in Enclosure 2. The Laboratory will not be operating a temporary unit to treat or store hazardous remediation waste and so a class 2 modification to the approved Closure Plan is not needed.

4. *The state of New Mexico has not adopted the new land disposal requirements (LDR's) and therefore the more conservative concentration for barium still apply.*

The Laboratory originally raised the subject of Land Disposal Restriction (LDR) treatment standards because the standard for barium recently changed as of May 26, 1998, (*63 FR, 28555)* and the Laboratory is proposing to conduct generator treatment of barium contaminated soil excavated from MDA-P. As part of the newly promulgated Phase IV LDR treatment standards, EPA re-evaluated available treatment performance data from wastes containing significant concentrations of barium. (The barium concentration in soil proposed for generator treatment at MDA-P ranges from 100 to 2,500 mg/L.) As a result, EPA changed the barium treatment standard from 7.6 mg/L to 21 mg/L because it "better reflects the diversity of metal-containing waste streams and their treatment." In addition, the Phase IV LDR treatment standards added the requirement to identify underlying hazardous constituents (UHCs) reasonably expected to be present in metal-bearing wastes. Phase IV indicates that "the more stringent HSWA portion of this rule will become effective at the same time in all states."

HRMB has indicated that the Laboratory is required to comply with the "more conservative concentration for barium". Although the treatment standard for barium in 20 NMAC 4.1, Subpart VIII is 7.6 mg/L (which is more conservative than Phase IV), it is also less stringent than Phase IV because it does not require the identification of UHCs for metal-bearing waste. To further complicate the issue, the Laboratory's site-wide background for barium in soil is 295 mg/kg. Thus, it would be exceedingly difficult for the Laboratory to meet the LDR treatment standard of 7.6 mg/L for native uncontaminated soil.

Since the Laboratory cannot meet HRMB's LDR treatment standard of 7.6 mg/L, we are requesting HRMB's use of discretionary authority to invoke a "no longer contained in" determination that would essentially adopt EPA's newly promulgated treatment standard of 21mg/L and UHCs. That is, soil treated to meet the Phase IV LDR treatment standard of 21 mg/L and UHCs would be determined to no longer contain the characteristic hazardous waste (D005-barium at 100mg/L). This option would allow the

Laboratory to manage the waste as New Mexico special waste and meet off-site waste acceptance criteria and the federal regulatory requirement without compromising protection of human health or the environment. An example of EPA codifying the "contained in rule" for characteristic hazardous waste is provided at 40 CFR 261.3(f) which allows the Regional Administrator to determine when the debris is no longer contaminated with hazardous waste.

5. *If the proposed hand-sorting pad is constructed over an existing potential release site then using this area for baseline sampling is not acceptable.*

The intent of sampling any contaminated location (i.e., those areas that overlap existing SWMUs) was simply to determine whether the closure activities to be conducted at MDA-P affected the area, above or beyond existing contamination derived from nearby Laboratory operations that are not related to MDA-P (refer to section 4.1.2 of the approved Closure Plan).

6. *LANL shall include waste analysis plans (WAP's) for all waste streams including filters and soil generated from the sorting operation. A WAP may not be necessary for the decon water used in steam cleaning the debris if all LDR requirements for debris alternative treatment standards are met. These WAP's shall include sampling for underlying constituents and radioactivity.*

The approved Closure Plan does not require waste analysis plans for all waste streams generated as part of closure activities at MDA-P. Uncontaminated soil is not considered a solid waste in the sense of being abandoned, recycled, or inherently waste-like as those terms are defined in the regulations, but rather is an environmental medium. EPA policy interprets its regulations to require that environmental media which contains hazardous waste must be managed as hazardous waste. Soil segregated as part of the excavation process will be field screened for volatile organic compounds, radionuclides, asbestos, barium and quantitatively analyzed for HE using approved or proposed SW-846 methodologies including 8515 for nitroaromatics [TNT and nitroamines] and 8510 for RDX. NOTE: Method 8510 is a proposed SW-846 method that may not be approved until spring of 1999. These qualitative and quantitative screening techniques will be utilized to initially segregate hazardous waste soil (D005 and/or D003) from non-hazardous waste soil. Segregated soil is not expected to be considered an explosive characteristic hazardous waste (D003); however, initial quantitative screening and fixed laboratory analysis (Method 8330) will confirm this determination. All stained soil will be segregated and managed separately.

A WAP is provided as Enclosure 4 in accordance with 20 NMAC 4.1, Subpart VIII [40 CFR 268.7(a)(5)] for generator treatment of barium-contaminated soil. The WAP includes language on waste generating activities, describes the waste to be treated in a less-that-90-day accumulation area, describes the treatment process, and includes verification sampling and analysis to ensure that the treated waste meets LDR standards. WAPs should not be required for generated waste excavated from MDA-P unless subsequent treatment will be conducted, as in the case of barium-contaminated soil.

The Laboratory concurs that a WAP would not be required if the Laboratory chose to invoke the alternative treatment standards for hazardous debris specified in 20 NMAC

4.1, Subpart VIII, [40 CFR 268.45]. However, the Laboratory requests concurrence in writing that substituting this alternative treatment standard for the verification standard currently contained in the approved Closure Plan for debris does not constitute a modification of the plan.

7. *Closure performance standards of SAL's or risk based clean up levels shall be met. If limited excavation of the tuff is proposed, additional sampling shall be proposed where contamination is below SAL's or risk based Clean up levels is left in place.*

The Laboratory will meet the closure performance standards as specified in the approved Closure Plan. Section 6.2.4 of the approved Closure Plan states "After the waste pile is removed, excavation will continue into the underlying subsoils and tuff. ...Excavation will continue until the closure standards are thought to have been reached. This over excavation is estimated to be approximately 2 ft deep....Some areas will be excavated to different depths than others." The Laboratory did not propose limited excavation of tuff, but rather indicated that the presence of highly welded tuff underlying MDA-P may make "over excavation" of the tuff difficult. Further, the Laboratory included a description of "clean fill" in the July 22, 1998, letter to identify fill materials used during the initial construction of the 387 Burn Pad. The morphology of MDA-P cannot simply be viewed as the extent of the waste pile, therefore, our description was meant to inform HRMB of the revision of the conceptual model.

As agreed in the meeting on October 5, 1998, verification that the MDA-P closure performance standard has been met pursuant to the approved Closure Plan is part of Phase 2 and will be negotiated through future meetings with HRMB, as appropriate. The approved Closure Plan states "The Laboratory will obtain NMED approval for the number and location of boreholes to be used to define the vertical extent of contamination."

8. *LANL shall provide an adequate sampling and analysis plan which addresses depth (e.g. every 2 feet), location, and percentage of full suite analysis, to confirm the identified clean fill area. This sampling and analysis shall be performed in Phase I. If contamination is found above the performance standards the removal procedure shall be described. Rather than perform a detailed sampling and analysis plan of the clean fill it may be economically beneficial for LANL to choose to remove the clean fill and dispose of appropriately.*

Determination of whether the closure performance standard has been met is a Phase 2 activity that will be conducted in accordance with section 4.2.1 of the approved Closure Plan. The Laboratory has previously indicated that there is a large volume of clean fill that composes the morphologic feature of MDA-P. Once all debris and obviously contaminated soil or tuff has been removed from MDAP, confirmatory samples will be collected from the exposed surface and downslope from the former waste pile to assess whether the concentrations of the remaining soil (i.e. the "clean fill") and tuff are below acceptable levels and the closure performance standard has been met.

The Laboratory believes that the approved Closure Plan adequately covers sampling and analysis of the "clean fill"; therefore, an additional sampling and analysis plan will

not be submitted, and the sampling and analysis will not be performed in Phase 1. Section 1.1.2 of the approved Closure Plan outlines a contingent approach that may be followed if any remaining Appendix VIII constituent concentrations equal or exceed the criteria specified in the plan that allows soil and or tuff to be left in place. The Laboratory will address any Phase 2 issues, as appropriate, through future meetings with HRMB.

During a telephone conversation on October 7, 1998, with the Laboratory representative, Holly Wheeler-Benson and Lee Winn of HRMB, additional information was requested by Ms. Winn on behalf of HRMB. The following issues raised by Ms. Winn are addressed in the Laboratory's response to the September 18, 1998, letter from HRMB provided in the text above.

- Provide a response to items #1 and 2 in the September 18, 1998 letter from HRMB.
- Reiterate that a change in schedule regarding closure activities at MDA-P would require modification of the approved Closure Plan.
- Indicate how the Laboratory knows that segregated soil would not be explosive characteristic hazardous waste (D003).

The following additional issues raised by Lee Winn are address below.

- Provide clarification regarding generator treatment. Indicate when the less-than-90-day start date begins.
- Indicate how the clean and treated soil and debris waste will be containerized at the staging area(s).
- Discuss de-watering of barium contaminated soil (presumably during generator treatment).
- Include characterization information regarding process waste streams generated.
- Indicated how barium sands will be managed.

Generator treatment will occur at Staging Area 1 identified in Figure 2-4 of the approved Closure Plan in accordance with 20 NMAC 4.1, Subpart V, [40 CFR 264, Subpart I]. Although the approved Closure Plan indicates that on-site treatment of contaminated soils will be conducted in tanks meeting the requirements of 20 NMAC 4.1, Subpart V [40 CFR 264.192 through 264.199] it goes on to describe the treatment process as follows: "The soil will be loaded into a hopper and placed in a mixer. It is expected that 12-yd^3 batches will be mixed using mix equipment similar to a Maxon Paddle Mixer or possibly a 10-yd^3 cement mixer truck. The mixer will be placed in a secondary containment system consisting of an 80-mil HDPE liner with 4-in. curbing made of wood. The equipment will be supported with a concrete pad." This description of the mix equipment fits the definition of a container, as it is a portable device, rather than a tank meeting 40 CFR 264.192 through 264.199 standards. The less-than-90-day start date for generator treatment of barium-contaminated soil at a less-than-90-day accumulation area will begin when the waste leaves the AOC, which is currently designated as the "exclusion zone boundary" on the map provided as Enclosure 3. The Laboratory will remove all debris and obviously contaminated soil associated with operations at MDA-P as part of Phase I, even if it is found outside of the exclusion zone boundary identified in Enclosure 3. Additional information regarding the proposed

generator treatment of barium contaminated soils is included in the Laboratory's response to #6 above and in Enclosure 4.

Non-hazardous waste soil, treated formerly characteristic hazardous waste, and debris will be staged on a 80-mil high-density polyethylene (HPDE) liner overlain by a protective layer of soil and gravel and bermed to contain any liquids. Non-hazardous waste soil and treated formerly characteristic hazardous waste will be covered with a tarp or other appropriate cover until verification sampling results are received and the waste is placed in dump trucks for off-site disposal.

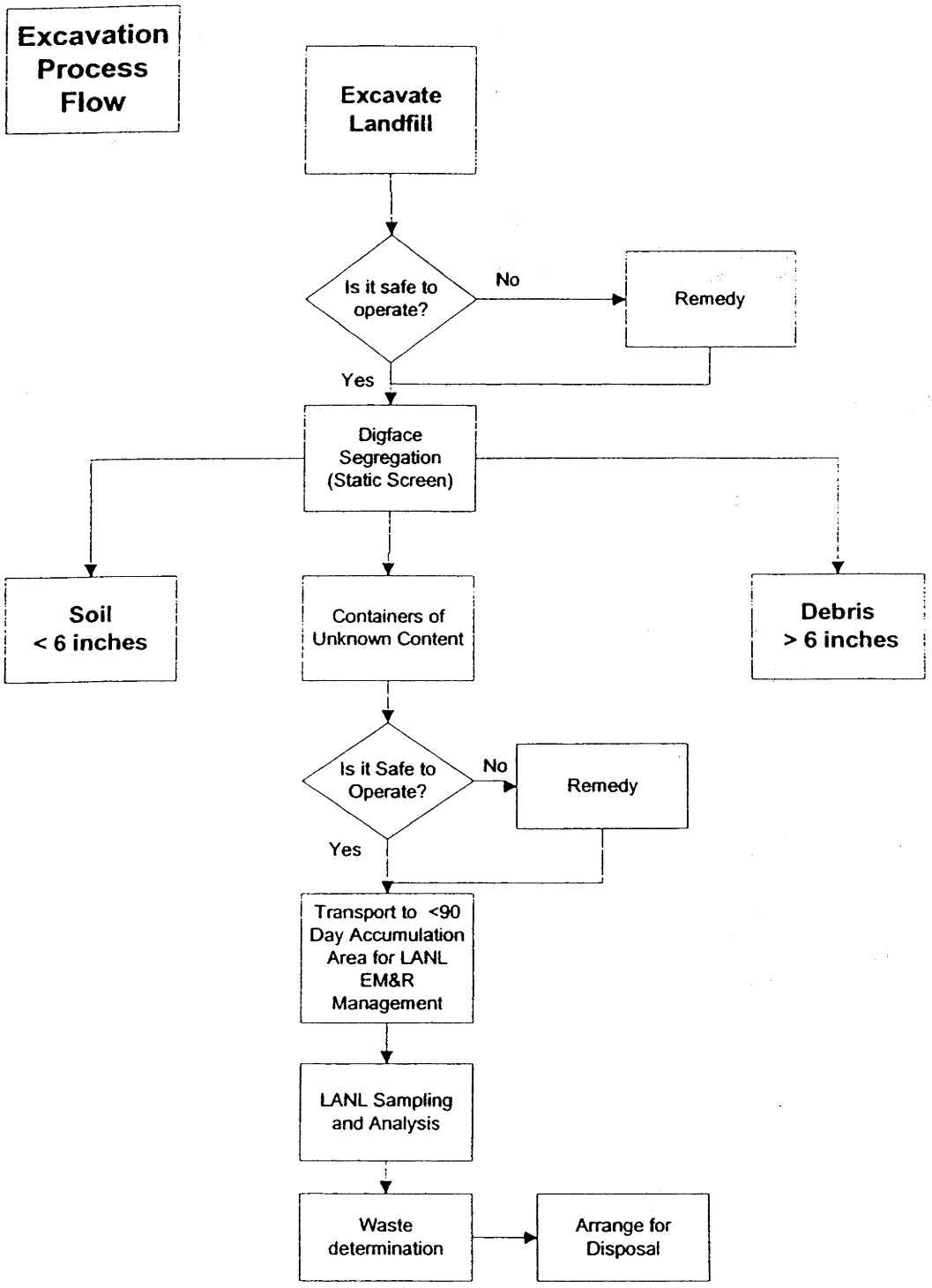
At the point when these waste streams are staged outside of the AOC (for non-hazardous waste soil and debris) and after generator treatment of barium-contaminated soil, the waste would be considered "solid waste" pursuant to 20 NMAC 9.1, Section 105BV. Non-hazardous waste soil and debris staged outside of the AOC is considered "construction and demolition debris" pursuant to 20 NMAC 9.1, Section 105.T and does not require containerization. On October 27, 1998, Alex Puglisi of the Hazardous and Solid Waste Group contacted Charles Hules of the Solid Waste Bureau requesting a determination of whether treated formerly characteristic hazardous waste could be staged on a HPDE liner overlain by a protective layer of material, bermed to contain liquids and covered with a tarp or other appropriate cover. Mr. Hules indicated that the Laboratory could use provisions similar to those provided for petroleum contaminated soil to stage this waste stream prior to off-site disposal, provided that it was protective of the environment and the public health, welfare and safety and provided that it could not be discharged to surface water and would not be disbursed into the air (thus, the cover).

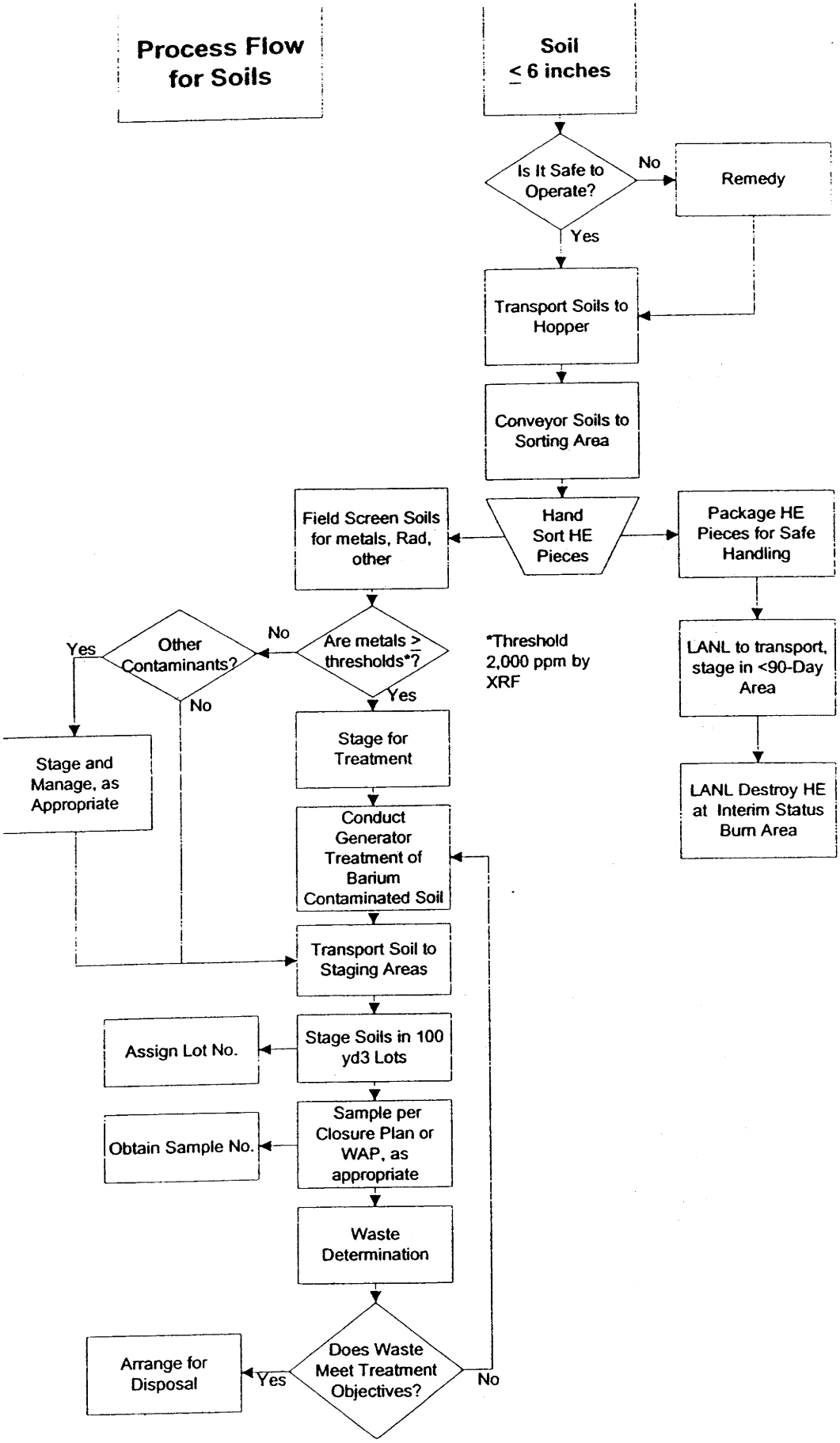
Section 6.2.6 of the approved Closure Plan indicates the treated barium-contaminated soil is expected to produce a moisture-free stabilized soil that will pass the paint filter test. Both treatment equipment and the treated formerly characteristic hazardous waste soil will be covered with tarps or other appropriate cover to prevent storm-water infiltration. Treatment and subsequent staging of the treated soil will be on a HPDE liner overlain by a protective layer of soil and bermed to contain water. Generator treatment of barium contaminated soil is described in the Waste Analysis Plan provided as Enclosure 4.

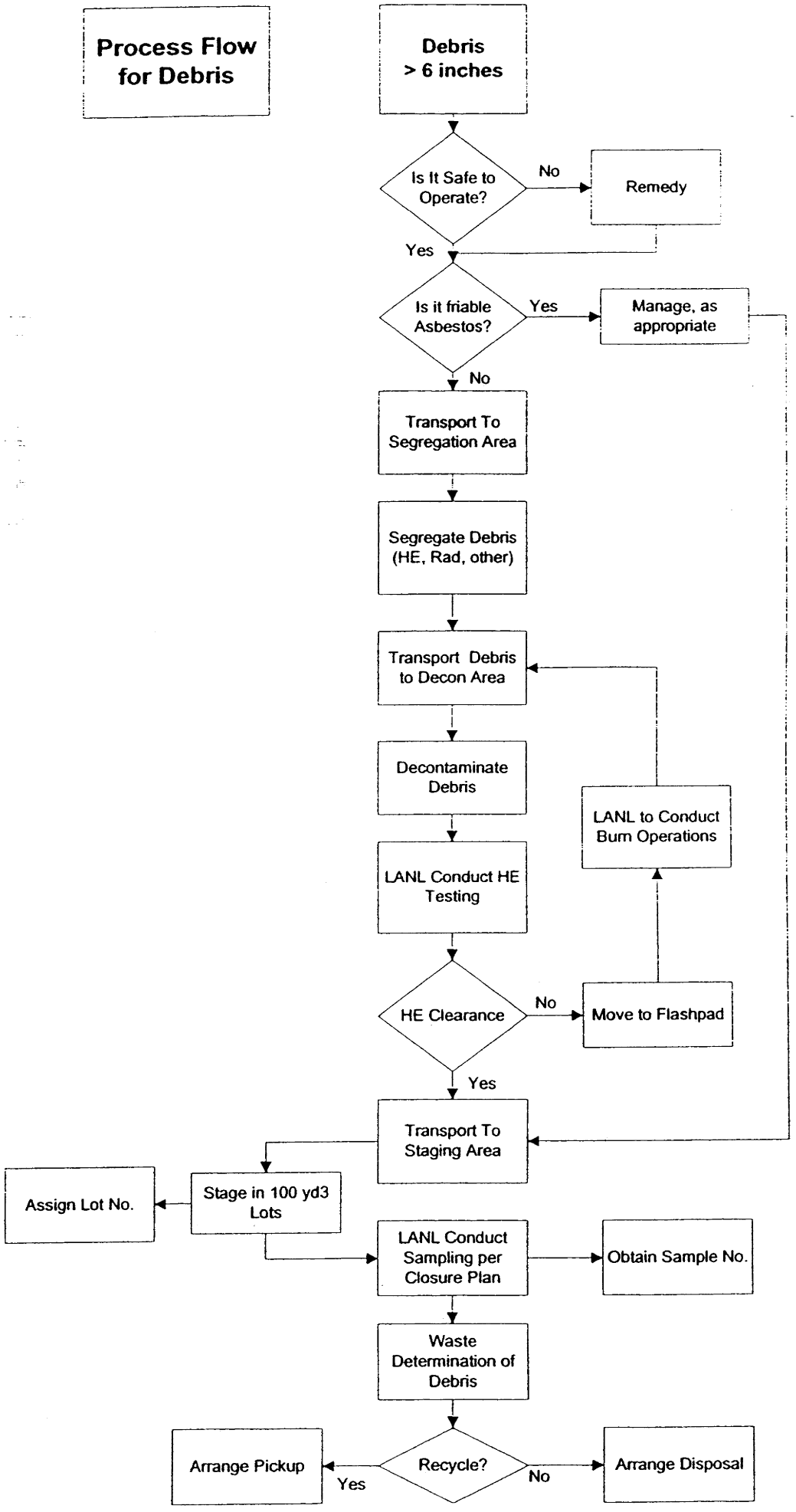
Process waste such as sludge or sedimentation generated from storage of decontamination water or storm-water will be characterized once it is generated. Decontamination water will be collected, sampled, and analyzed as specified in Sections 4.3.1 and 4.7.1 of the approved Closure Plan. As specified in Section 6.2.6 of the approved Closure Plan, water run-off will be collected, sampled, and analyzed for the waste constituents present in the waste pile as discussed in Section 4.7.1. All process waste streams will be managed based on sampling results.

Any residues from previously burned barium sands, historically disposed within MDA-P, would not be discernable from other soil.

Enclosure 2
Flow Diagrams


Excavation Process Flow
Excavate Landfill
Is it safe to operate?
No
Remedy
Yes
Digface Segregation (Static Screen)
Soil < 6 inches
Containers of Unknown Content
Debris > 6 inches
Is it Safe to Operate?
No
Remedy
Yes
Transport to <90 Day Accumulation Area for LANL EM&R Management
LANL Sampling and Analysis
Waste determination
Arrange for Disposal


Process Flow for Soils
Soil ≤ 6 inches
Is It Safe to Operate?
No
Remedy
Yes
Transport Soils to Hopper
Conveyor Soils to Sorting Area
Hand Sort HE Pieces
Field Screen Soils for metals, Rad, other
Package HE Pieces for Safe Handling
LANL to transport, stage in <90-Day Area
LANL Destroy HE at Interim Status Burn Area
Are metals > thresholds*?
No
Yes
Other Contaminants?
Yes
No
*Threshold 2,000 ppm by XRF
Stage and Manage, as Appropriate
Stage for Treatment
Conduct Generator Treatment of Barium Contaminated Soil
Transport Soil to Staging Areas
Stage Soils in 100 yd3 Lots
Assign Lot No.
Sample per Closure Plan or WAP, as appropriate
Obtain Sample No.
Waste Determination
Does Waste Meet Treatment Objectives?
Yes
No
Arrange for Disposal


Process Flow for Debris
Debris > 6 inches
Is It Safe to Operate?
No
Remedy
Yes
Is it friable Asbestos?
Yes
Manage, as appropriate
No
Transport To Segregation Area
Segregate Debris (HE, Rad, other)
Transport Debris to Decon Area
Decontaminate Debris
LANL to Conduct Burn Operations
LANL Conduct HE Testing
HE Clearance
No
Move to Flashpad
Yes
Transport To Staging Area
Assign Lot No.
Stage in 100 yd3 Lots
LANL Conduct Sampling per Closure Plan
Obtain Sample No.
Waste Determination of Debris
Arrange Pickup
Yes
Recycle?
No
Arrange Disposal

Enclosure 3
MDA-P Site Map

MDA P Site: Plate 1

6453-A

- Contour, 2 foot
- Contour, 10 foot
- Contour, 100 foot
- Culvert
- Area of Contamination—MDA P Site Boundary
- Road, Dirt
- Road, Paved
- Solid Waste Management Unit (SWMU) Boundary
- Boundary, TA
- Burn Pad
- Structure
- Trench

Topography represents ground surface prior to closure removal activities

TA-09

TA-16

Runoff Control Trenches

Run-on Control Trench

16-018 MDA P

EAST ACCESS ROAD

WEST ACCESS ROAD

16-016(c)-99
Consolidation of 16-016(c) (Barium Nitrate Pile), 16-010(a) (TA-16-386 Flash Pad), and 16-006(e) (Septic Tank Drain Field Outfall)

DECON. PAD

16-387

16-386

16-010(b) TA-16-387 Flash Pad

WEST HAUL ROAD

BURNING GROUNDS ACCESS ROAD

1764500

1764000

1615500

1616000

1616500

DATA SOURCES FOR PLOT: 200578
Title; Owner; Pub Date; Intended Scale; (ER ID); (GISLab ID)

1991 Hypsography (100ft); Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (00800-0001)

1991 Hypsography (10ft); Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (00799-0001)

1991 Hypsography (20ft); Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (00799-0001)

1991 Hypsography (2ft); Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (00797-0001)

Boundary, TA; Los Alamos National Laboratory, FWO; Unknown; Unknown; (Unknown); (NA)

Burn Pads, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

Culverts as built 20000202, client supplied; Los Alamos National Laboratory, ER; 20021210; 1:600; (NA); (Unknown)

Drainage as of 20000202, client supplied; Los Alamos National Laboratory, ER; 20021210; 1:600; (NA); (Unknown)

Exclusion Zone as of 20000202, client supplied; Los Alamos National Laboratory, ER; 20021210; 1:600; (NA); (Unknown)

MDA P SWMU Boundaries, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

Roads, Dirt, as built 20000202, client supplied; Los Alamos National Laboratory, ER; 20021210; 1:600; (NA); (Unknown)

Roads, Paved, as built 20000202, client supplied; Los Alamos National Laboratory, ER; 20021210; 1:600; (NA); (Unknown)

Structures as built 20000202, client supplied; Los Alamos National Laboratory, ER; 20021210; 1:600; (NA); (Unknown)

Trenches as built 20000202, client supplied; Los Alamos National Laboratory, ER; 20021210; 1:600; (NA); (Unknown)

GISLab
Los Alamos National Laboratory

RRES

Cartography by: Doug Walther

Date: January 28, 2003 M#: 200578

N

State Plane Coordinate System, New Mexico Central Zone, 1983 North American Datum. Units Feet.

Grid displays New Mexico State Plane coordinates in feet.

1:600

0 50 100 150 200
Feet

0 15 30 45
Meters

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Work performed on behalf of RRES-R, Los Alamos National Laboratory, Los Alamos, NM, 87545.

Enclosure 4
Waste Analysis Plan for Barium-Containment Soil

Waste Analysis Plan

For

Barium-Contaminated Soil

Treated in Less-Than 90 Day Storage

Generator:

Los Alamos National Laboratory

Environmental Restoration Project

Technical Area-16

Material Disposal Area P

November 2, 1998

Introduction

This waste analysis plan (WAP) presents information on the chemical and physical nature of waste soils to be treated at Los Alamos National Laboratory's (LANL) Technical Area 16 (TA-16), Material Disposal Area P (MDA-P). This plan is designed to fulfill the requirements listed in Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1 (20 NMAC 4.1), Subpart VIII and 40 CFR 268.7 (a) (5). These regulations specify that a generator treating prohibited waste in tanks or containers must develop and follow a written plan as regulated under 20 NMAC 4.1, Subpart III and 40 CFR 262.34.

The MDA-P at TA-16 was operated as a disposal site for rubble and debris from 1950 to 1984. The majority of disposed materials consisted of residues and noncombustible debris resulting from burning high explosives (HE) and HE –contaminated equipment, building materials, and other trash. After burning, the material was pushed over the edge of the south wall of Canon de Valle. This accumulated material is the waste pile undergoing remediation. It is currently estimated that MDA-P contains 11,000 cubic yards (yd^3) of waste materials, including soil and debris. All waste materials will be removed in their entirety in accordance with the Closure Plan approved by the New Mexico Environment Department in February of 1997.

The waste to be treated in a <90-day area will be composed primarily of soil contaminated with barium and potentially contaminated with debris less than 60 millimeters (mm) and residual HE compounds. Debris will consist of native rock, concrete, wood, metal, and friable or non-friable asbestos. Treatment will be accomplished using the best-demonstrated available technology (BDAT) for barium contaminated soil. The waste analysis information described in this WAP is specific to the generator treatment requirements for the waste soil generated and treated at MDA-P. Specific waste analysis requirements include the following:

- identification of hazardous or mixed waste under management, based on detailed chemical analyses of representative samples (note – no radiological contamination has been detected to date);
- pre- and post-treatment waste characterization;
- information necessary to treat the waste in accordance with 40 CFR 268.7 (a) (5); and
- verification of compliance with treatment objectives.

Waste Generating Activity

The soil waste will be generated during closure activities at MDA-P. All materials in MDA-P will be excavated and screened to remove debris >6-inches in diameter. Debris greater than 6-inches in diameter will be decontaminated according the approved Closure Plan. Soils and residual debris <6 inches in diameter will be transported via conveyor to a sorting area where all visible pieces of HE will be segregated by hand by trained, professional technicians. The soils will then be field screened for volatile organic compounds, radionuclides, asbestos, and quantitatively analyzed for HE and barium. The HE screen will comply with SW-846 methodologies 8515 and 8510 (proposed) for nitroaromatics, e.g., TNT, and nitramines, e.g., RDX, respectively. The barium screen will use a portable X-ray fluorescence (XRF) instrument. Any visible staining or other physical characteristics will be noted and the suspect soils segregated and sampled per the Closure Plan.

The field screening and XRF results will constitute the pre-treatment characterization of total barium concentration to determine which soils will be treated in a <90 day accumulation area. A correlation analysis established from analyses of barium contaminated soils from MDA-P, indicates that a total barium concentration of 3,400 parts per million (ppm) is approximately equivalent to 100 milligrams per liter (mg/L) of soluble barium as determined by the Toxic Leaching Characteristic Procedure (TCLP). For treatment purposes, soils containing more than 2,000 ppm of total barium by XRF (the maximum uncertainty of the XRF instrument is $\pm$ 100 ppm) will be separated for treatment. All soils will be segregated and staged in lined, bermed areas for treatment and subsequent sampling and verification analysis. Soil containing less than 2,000 ppm of total barium by XRF will be stockpiled nearby and managed as solid waste. Other soils suspected of being contaminated, based on results of field screening will be segregated and staged in a lined, bermed area. Final disposition of all soils will depend on verification analyses.

Description of Waste

It is anticipated that approximately 3,000 yd^3 of soil will be excavated from MDA-P that exhibits the toxicity characteristic for barium (EPA hazardous waste code D005). Results of test pit sampling of MDA-P conducted in December 1997 indicated that barium concentrations in soil range from 10 to 2,300 mg/L by TCLP analysis. Laboratory analyses of samples collected from the test pits indicate that no underlying hazardous constituents (UHC) are present in concentrations that exceed the Universal Treatment Standards (Federal Register 28555 May 26, 1998; CFR Part 268.48). These results are consistent with prior sampling and analyses reported in the Closure Plan. Therefore, UHCs are not reasonably expected to be present in soils designated for treatment. These barium-contaminated soils are anticipated to consist of HE residue (< 1% by weight), fragments of non-friable asbestos, metal, concrete, wood, and native rock, and barium

contamination that ranges from 100 to 2,500 mg/L.

Soil Treatment Processes

The selected treatment process for the barium-contaminated soil is stabilization of the barium by a dry treatment method. This will be accomplished by the addition and mixing of a reagent consisting of portland cement and calcium sulfate to the soil. A treatability study will be conducted on various concentrations of barium contaminated soils to find the optimum ratio of reagent to soil for treatment. The treatment process will consist of the following steps.

1. The soil will be screened with an XRF instrument to determine the barium concentration in the soil. Based on the XRF measurements, the barium-contaminated soils will be grouped into one of three groups. Groups I, II and III will contain total barium concentrations up to 10,000, 30,000 and 60,000 ppm, respectively.

2. All barium-contaminated soil will be transported to the treatment area by a wheel loader. Within this lined and bermed area, the soil will be screened to remove all debris and rocks >60 mm. The rocks and debris will follow the standard path of other debris from MDA-P. Soil stabilization treatment will take place in a trailer-mounted, auger-type mixer designed for soil mixing in distinct batches. Barium-contaminated soil and the appropriate amount of reagent will be placed into the equipment and thoroughly mixed. Treatment Groups I, II and III will be mixed with stabilization reagent of approximately 2 percent, 4 percent, and 6 percent reagent by weight, respectively.

3. After mixing, the material will be removed and transported to a lined, bermed staging area, placed in 100 cubic yard lots, and covered or sprayed with a surface stabilizer to prevent infiltration, runoff, and resuspension. Each lot of soil will be assigned a unique identifier number and labeled for management purposes.

4. Each lot of treated soil will be sampled for verification of the treatment process. Analyses will comply with specifications described below.

5. Upon receipt of the analytical data, a waste determination will be made for each lot of barium-contaminated soil. If the treated soils meet the treatment objectives, the lot of soil will be shipped offsite to an approved disposal facility. Treatment objectives will comply with treatment standards for hazardous wastes (40 CFR Part 26.40) as set forth in the Land Disposal Restrictions Phase IV: Final Rule Promulgating Treatment Standards for Metal Wastes and Mineral Processing Wastes (Federal Register 28555 May 26, 1998).

The site-specific health and safety plan (SSHASP) prepared for the MDA-P Closure includes tasks associated with generator treatment of barium-contaminated soils. The SSHASP evaluates all potential hazards to human health and the environment and describes mitigating measures to minimize or eliminate these hazards. All personnel

involved in the treatment activity will be trained in the SSHASP and a site safety officer will oversee treatment activity operations.

Waste Sampling and Analysis

Each 100 cubic yard lot of treated soil will be sampled and analyzed to determine that the wastes meet final land disposal restrictions and the waste acceptance criteria of the receiving facility. Sampling will be conducted by LANL, ESH-19 personnel and conducted according to LANL standard operating procedures to ensure that a representative sample is collected. Each 100 cubic yard lot will be sampled and analyzed for TCLP, HE, radionuclides, and asbestos. The first and each subsequent fourth 100 cubic yard lot will be sampled for pH, flashpoint, free liquids, total volatile organic compounds, semi-volatile compounds, reactive cyanide and sulfide, organochlorine pesticides, polychlorinated biphenyls (PCBs), dioxin, and chlorinated herbicides. An accredited laboratory under contract to LANL will perform all analyses.

Waste Certification

When it has been determined that the treated soils meet UTSs (Federal Register 28555 May 26, 1998) for land disposal, the treated, essentially decharacterized waste soils will be shipped off site to a landfill permitted to accept such special wastes. It is anticipated that most treated soils will go to the Waste Management Industrial Services Inc., facility at Rio Rancho, New Mexico. This facility can accept special wastes with non-friable asbestos, as well as friable asbestos less than 1 percent. If friable asbestos exceeds 1 percent, a disposal facility in Arizona may be used. Treated soils that do not meet the UTS may be shipped to a facility in California permitted to accept such wastes. Shipping manifests with analytical results will be provided for the transporter of the waste material to be submitted to the disposal facility.

A notice and certification will be prepared with information required under 20 NMAC 4.1, Subpart VIII, and 40 CFR 268.7 (a) (3) for the initial shipment of waste sent for land disposal. Subsequent shipments will include sample documentation and unique manifest numbers for each shipment of waste. A one-time notification and certification to the New Mexico Environmental Department will be submitted by the end of the calendar year. This submittal will include information specified in 20 NMAC 4.1, Subpart VIII, and 40 CFR 268.9 (d).

All analytical results completed in support of successful treatment of the waste and for LDR notification and certification will be retained in the project operating record and copies presented to the appropriate LANL Group.

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous & Radioactive Materials Bureau
2044 Galisteo Street
P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-1557
Fax (505) 827-1544

GARY E. JOHNSON
GOVERNOR

PETER MAGGIORE
SECRETARY

Certified Mail
Return Receipt Requested

March 10, 1999

Mr. Theodore Taylor, Program Manager
Los Alamos Area Office
Department of Energy
528 35th Street, MS A316
Los Alamos, New Mexico 87544

Dr. John C. Browne, Director
Los Alamos National Laboratory
P. O. box 1663, MS A100
Los Alamos, New Mexico 87545

Re: Reply to the DOE/LANL November 9, 1998 (EM/ER:98-442) letter regarding the MDA-P Closure Plan and correspondence related to operation deviations.

Dear Mr. Taylor and Dr. Browne:

The Hazardous and Radioactive Materials Bureau (HRMB) has reviewed the DOE/LANL November 9, 1998 (EM/ER:98-442) letter regarding the MDA-P Closure Plan modification clarifications and provides comments in Attachment A.

Based on review of DOE/LANL's reply to comments, the Closure Plan requires a Class I permit modification for these operational deviations. The specifics for the modification are delineated in general comment number 1 of the attachment. The New Mexico Hazardous Waste Fees (20 NMAC 4.2) section 201.6 - Permit and Closure Plan Modification Fees specifies every facility which requests a Class I modification for which prior written approval by NMED is required by 40 CFR 270.42(a) (2) (incorporated into 20 NMAC 4.1.900) shall pay the basic fee for Class I modification set forth in Table 2.4. For a Class I modification the Basic Fee is $1000. Based on HRMB's current understanding of the proposed operational deviations, DOE/LANL has described four (4) changes resulting in a Class I modifications with a total associated fee of $1,000.

Furthermore, all comments in Attachment A which do not require a permit modification shall be addressed as a reply to this correspondence.

Should you have any questions regarding this letter, please contact me at (505) 827- 1567 extension 1015 or Mr. John Kieling, HRMB's LANL Facility Manager, at (505) 827-1558 extension 1012.

Sincerely,

Benito J. Garcia, Chief
Hazardous and Radioactive Materials Bureau

BJG:lw

March 10, 1999
TA 16 MDA-P
EM/ER:98-442

Los Alamos National Laboratory
NM0890010515

CC w/ attachments:
J. Canepa, LANL EM/ER, MS M992
J. Davis, NMED SWQB
S. Dinwiddie NMED HRMB
J. Ellvinger, LANL ESH-19, MS K490
M. Johansen, DOE LAAO, MS A316
J. Kieling, NMED HRMB
L. Winn, NMED HRMB
M. Kirsch, LANL EM/ER, MS M992
S. Kruse, NMED HRMB
H. LeDoux, DOE LAAO, MS A316
D. McInroy, LANL EM/ER, MS M992
D. Neleigh, EPA, 6PD-N
J. Parker, NMED DOE OB
J. Plum, DOE LAAO, MS A316
J. Vozella, DOE LAAO, MS A316
S. Yanicak, NMED DOE OB, MS J993
File: Reading and RED LANL TA-16, MDA P'99
Track: LANL, 3/10/99, NA, DOE/LANL, HRMB/Garcia, RE, File

ATTACHMENT A
COMMENTS ON DOE/LANL NOVEMBER 9, 1998 (EM/ER:98-442) LETTER
TA - 16, MDA P

GENERAL COMMENTS:

1. **11/9/98 letter Paragraph 2, page 1:** "The September 18, 1998, letter from HRMB indicates that the changes specified in the Laboratory's letter dated July 22, 1998, regarding potential operational deviations from the material Disposal area P (MDA-P) Closure Plan were considered unexpected events occurring during closure of the site. HRMB appears to be referring to safety and waste management operational issues regarding detonatable pieces of high explosives (HE) to be remediated within the MDA-P Area of contamination (AOC)."

   11/9/98 letter Paragraph 1, page 2: "Further, Section 6.1.1.4 of the approved Closure Plan indicates that "No changes in unit operating plans or design are **expected** [emphasis added] that would require amendment of the closure plan." This section also describes an unexpected event as something that "would include the discovery of hazardous waste or mixed-waste residuals that cannot be removed or decontaminated to meet the closure performance standard or additional excavation and sampling that may be required (e.g., removing contaminants in cracks or fractures)."

HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

NMED concurs that these operational deviations were not unexpected events. The reference to an unexpected event is an example not a definition. However, NMED sees a number of changes in the plan which require modification. They are as follows:

a) *The treatment or verification standard for the hazardous debris currently contained in the approved Closure Plan per 40 CFR 268.45(a)(1), Table 1(A)(1)(e) allows for high pressure steam and water sprays to remove hazardous contaminants from debris surfaces or to remove contaminated debris surface layers. The alternative treatment standard is for Land Disposal Restrictions (LDR) consequently, a waste determination/disposal issue and does not affect the closure of the unit but how the removed waste is decontaminated, classified, and disposed. Therefore, because this LDR treatment standard is part of RCRA regulation for hazardous debris it will not constitute a modification of the plan. However, the sampling of the decon water contradicts the standard in section six. This typographical error must be clarified and will require a class I permit modification -reference 20 NMAC 4.1 section 270.42, Appendix I (a)(2): correction of typographical errors.*

b) *not meeting the approved closure schedule without the Secretary's approval [Reference bullet number seven on page two of DOE/LANL's July 22, 1998 EM/ER:98-232, potential operational deviations from the MDA P Closure Plan.* The schedule for project completion is currently unknown, but may require a plan modification if it deviates from the original schedule specified in Figures 6-2 and 6-3 of the approved Closure Plan.*]*

It appears that there will be no way DOE/LANL will be able to meet the time requirements for removal and closure as specified in the Closure Plan. The Closure Plan proposes 26 months (with risk assessment) to complete Phase I and Phase II of the Closure Plan. Phase I includes

removing waste from the waste pile and was estimated to be 17 months from the time the Closure Plan was submitted. If given additional time and having the 17 month time clock begin after Closure Plan approval which occurred on February 20, 1997, phase I should have been completed by July 20, 1998. To complete final closure activities in accordance with the Closure Plan a 26 month time from the time of Closure Plan approval (February 20, 1997) would be on April 20, 1999. The facility has missed the removal date of July 20, 1998 and a modification to the Closure Plan will be required for the new schedule. This will require a class I permit modification -reference 20 NMAC 4.1 section 270.42, Appendix I (d)(1)(b): changes in the closure schedule for any unit, changes in the final closure schedule for the facility, or extension of the closure period, with prior approval of the Director.

c) *proposing fewer samples than the approved Closure Plan [Reference bullet number five on page two of DOE/LANL's July 22, 1998 EM/ER:98-232, potential operational deviations from the MDA P Closure Plan-* A large volume of clean fill that composes the morphologic feature of MDA P will not be removed, but will be sampled during the Phase II verification activities. The entire southern part of the morphologic feature of MDA P is composed of apparently uncontaminated soils placed during the original construction of the burning grounds in 1950. Waste disposal occurred over the leading edge of the soils and aggregated over time, *and bullet number 6 on page two* -The estimated number of soil samples to be collected during Phase I will be proportional to the reduced estimated volume of waste to be excavated, segregated and managed.*]*

The closure plan defines the amount of sampling of waste as a percentage of 100 yd^3 batches based on an estimated volume of approximately 30,000 yd^3 (reference page 4-3 of approved Closure Plan). Because the original estimated proposed volume has changed this operational deviation will require a permit modification. This will require a class I permit modification - reference 20 NMAC 4.1 section 270.42, Appendix I (d)(1)(a): changes in the estimate of maximum extent of operations of maximum inventory of waste on-site at any time during the active life of the facility, with prior approval of the Director. Furthermore, HRMB emphasizes:

1) that fixed analytical sampling will still be performed prior to waste being removed from the soil before excavation or after it has been removed to the top of the mesa (Page 4-3 - 4-4 of approved Closure Plan), and

2) that fixed analytical sampling will still be performed prior to waste being removed from the area of concern (AOC) (reference section 6.3.2 Management of Generated Waste, page 6-28 of the approved Closure Plan.

d) *apparent proposed treatment of other waste than from the MDA-P waste pile as specified in the approved Closure Plan (section 6.2.6), for example waste or soils from the proposed VCA PRS 16-016(c). This will require a class I permit modification -reference 20 NMAC 4.1 section 270.42, Appendix I (d)(1)(a): changes in the estimate of maximum extent of operations of maximum inventory of waste on-site at any time during the active life of the facility, with prior approval of the Director.*

Furthermore, DOE/LANL may choose to perform the confirmation portion of the VCA plan during phase 2 of the approved Closure Plan after the HE sorting pad is removed because a portion of the PRS is underneath the HE sorting pad and will not achieve NFA until this portion is investigated.

RESPONSE TO TECHNICAL ISSUES IN DOE/LANL 11/9/98 LETTER :

1. ***HRMB original Issue:*** *All proposed changes to the Closure Plan to include high explosive (HE) handling processes shall be clarified using process flow diagrams and narrative summaries that illustrate and describe all waste streams and their ultimate disposal.*

   HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

   Response acceptable to HRMB.

2. ***HRMB original Issue:*** *Up to date figures illustrating the proposed new processes shall be included.*

   HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

   Response acceptable to HRMB.

3. ***HRMB original Issue:*** *The filtration system and sorting pad shall meet the requirements for temporary units as defined in 20 NMAC 4.1, 40 CFR 264.553 - temporary units, and 40 CFR 270.42 Appendix I.D.3.e - requirements for a Class 2 permit modification.*

   HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

   Response acceptable to HRMB.

4. ***HRMB original Issue:*** *The state of New Mexico has not adopted the new land disposal requirements (LDR's) and therefore the more conservative concentration for barium still applies.*

   Reference bullet number two on page two of DOE/LANL's July 22, 1998 EM/ER:98-232, potential operational deviations from the MDA P Closure Plan -"The land disposal treatment standard for barium has changed as of May 26, 1998 (63 FR 28555). Because barium contaminated soil will be stabilized onsite, the Laboratory requests a determination of whether it should use the updated treatment standard for industrial hazardous waste or whether it could use the new soil treatment standard of a 90% reduction of the concentration of hazardous constituents capped at 10 times the universal treatment standard."

   HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

   The NMED will approve a new regulatory cluster that includes the new land disposal treatment standard for barium this Spring. Therefore, HRMB will allow the early adoption of this standard for barium. Allowing the standard to be adopted a few months earlier will in no way be less protective of human health and the environment. However, for the barium waste being treated during removal of the waste pile DOE/LANL must use the new soil treatment standard for industrial hazardous waste, for contaminated environmental media (i.e. tuff, soil). During Phase II the new environmental media treatment standard is applicable.

5. *HRMB original Issue: If the proposed hand-sorting pad is constructed over an existing potential release site then using this area for baseline sampling is not acceptable.*

HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

Response acceptable to HRMB.

6. *HRMB original Issue: LANL shall include waste analysis plans (WAP's) for all waste streams including filters and soil generated from the sorting operation. A WAP may not be necessary for the decon water used in steam cleaning the debris if all LDR requirements for debris alternative treatment standards are met. These WAP's shall include sampling for underlying constituents and radioactivity.*

HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

Response acceptable to HRMB.

7. *HRMB original Issue: Closure performance standards of SAL's or risk based clean up levels shall be met. If limited excavation of the tuff is proposed, additional sampling shall be proposed where contamination is below SAL's or risk based clean up levels is left in place.*

HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

It is understood that the MDA-P verification of closure performance standards is part of Phase 2 and will be negotiated through further meetings with HRMB. However since over excavation of the welded tuff may not be possible, DOE/LANL shall reflect this in the Phase 2 sampling and analysis, as well as possible alternative remediation strategies for the welded tuff, to meet the closure performance standard.

8. *HRMB original Issue: LANL shall provide an adequate sampling and analysis plan which addresses depth (e.g. every 2 feet), location, and percentage of full suite analysis, to confirm the identified clean fill area. This sampling and analysis shall be performed in Phase I. If contamination is found above the performance standards the removal procedure shall be described. Rather than perform a detailed sampling and analysis plan of the clean fill it may be economically beneficial for LANL to choose to remove the clean fill and dispose of appropriately.*

HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

It seems that the sampling described in the approved Closure Plan made no provision for "clean fill" and will not adequately verify that the "clean fill" was not actually contaminated waste and part of the waste pile. It is acceptable to NMED to propose a new sampling and analysis (S & A) plan to characterize the "clean fill" in Phase 2. The new S & A plan should provide a sampling location map with proposed sampling points and include sampling at different depths rather than just the top 12 inches. It is understood that some of the "clean fill" was moved to the top of the mesa and used to build the treatment pads. The new S & A plan for the "clean fill" should include that portion which was moved to the mesa top.

HRMB TELEPHONE CONVERSATION COMMENTS NOT ADDRESSED ABOVE:

- Provide clarification regarding generator treatment. Indicate when the less-than-90-day start date begins.
- Indicate how the clean and treated soil and debris waste will be containerized at the staging area(s).
- Discuss de-watering of barium contaminated soil (presumably during generator treatment).
- Include characterization information regarding process waste streams generated.
- Indicate how barium sands will be managed.

HRMB RESPONSE TO DOE/LANL 11/9/98 LETTER:

Regarding the 90-day start date, there is no time limit to treat the waste except for the scheduled closure. However, once treatment of a specific batch begins that batch must be treated to meet LDR standards, or if not treated to LDR, must be removed to a RCRA permitted storage facility within 90 days form the first time the batch is treated.

All other responses acceptable to HRMB.

HRMB FURTHER CLARIFICATIONS REQUESTED:

9. Reference first row of table on page six of DOE/LANL's July 22, 1998 EM/ER:98-232, potential operational deviations from the MDA P Closure Plan. *DOE/LANL shall clarify what kind of containers the soils and liquids will be staged in. Container storage is required pursuant to the approved Closure Plan.*

10. *DOE/ LANL shall describe the procedure to track waste: which quadrant each waste pile came from, waste piles, each batch of treated waste, & containers. LANL shall also describe how the waste characterization data will be managed to assure the 90 day requirement is met.*

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Los Alamos, New Mexico 87544
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Date: May 7, 1999
Refer to: EM/ER:99-120

Mr. Benito Garcia
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: SUBMITTAL OF CLASS 1 CLOSURE PLAN MODIFICATION FOR MDA-P AND RESPONSE TO COMMENTS CONTAINED IN THE MARCH 10, 1999 LETTER FROM HRMB

Dear Mr. Garcia:

The purpose of this letter is to submit a Class 1 modification of the previously approved Closure Plan for MDA-P. This modification responds to and is reflective of previous correspondence with the New Mexico Environment Department's Hazardous and Radioactive Materials Bureau (HRMB) including the following:

- July 22, 1998, letter from Julie Canepa and Theodore J. Taylor to Benito Garcia (EM/ER:98-232) regarding potential operational deviations from the MDA-P Closure Plan;

- September 18, 1998, letter from Benito Garcia to Theodore J. Taylor and Dr. John C. Brown regarding the requirement of a Class 2 modification for the potential operational deviations from the MDA-P Closure Plan;

- November 9, 1998, letter from Julie Canepa and Theodore J. Taylor to Benito Garcia (EM/ER:98-442) responding to the above letter from HRMB; and

- March 10, 1999, letter from Benito Garcia to Theodore Taylor and Dr. John C. Brown replying to the November 9, 1998, letter (EM/ER:98-442) regarding the MDA-P Closure Plan and correspondence related to operational deviations.

This modification is being submitted pursuant to Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1, Subpart VI [40 CFR 265.112(c)(4)] within 60 days of the request from HRMB. The Laboratory recognizes that MDA-P is included in Module VIII of our Hazardous Waste Facility Permit as a Solid Waste Management Unit (potential release site [PRS] 16-018). Once MDA-P meets the closure performance standards and closure certification is complete, a Class III permit modification will be submitted to remove PRS 16-018 from the permit.

MAY 17 1999

Enclosed please find two hard copies and one disk copy in Microsoft Word of the replacement pages for the MDA-P Closure Plan Modification to correct typographical errors, change the closure schedule, and to include an operational deviation due to a reduction of estimated volume of waste to be generated as part of closure. Additional information requested in the March 10, 1999, letter is included as Attachment A.

If you have any questions or concerns please feel free to call Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

James M. Ray for

Julie A. Canepa, Program Manager
LANL/ER Project

Sincerely,

Theodore J. Taylor, Program Manager
DOE/LAAO

JC/TT/HWB/gt

Enclosures: 1) Enclosure A
2) Enclosure B: Management of Remediation Waste Under RCRA
3) Certification
4) Closure Plan Amendment, MDA-P Replacement Pages

Cy (w/enc.):
K. Bostick, EES-15, MS M992
M. Buksa, EM/ER, MS M992
B. Criswell, Roy F Weston, MS M992
S. Den-Baars, The IT Group, MS K490
M. Ebinger, EES-15, MS J495
J. Ellvinger, ESH-19, MS K490
H Haynes, LAAO, MS A316
D. Hickmott, EES-1, MS D462
J. Mose, DOE/LAAO, MS A316
J. Rochelle, LC-GL, MS A187
R. Romero, ESH-19, MS K490
V. Rhodes, EM/ER, MS M992
T. Taylor, DOE/LAAO, MS A316
S. Veenis, EM/ER/ESH-18, MS M992
H. Wheeler-Benson, EM/ER/ESH-19, MS M992
J. Kieling, NMED-HRMB
G. Saums, NMED-SWQB
S. Yanicak, NMED-DOE OB, MS J993
EM/ER File (CT#C663), MS M992
RPF, MS M707

Cy (w/o enc.):
W. Neff, EM/ER, MS M992
D. McInroy, EM/ER, MS M992
T. George, EM/ER, MS M992
T. Grieggs, EM/ER/ESH-19, MS M992
M. Kirsch, EM/ER, MS M992.
J. Parker, NMED-OB EM/ER File, MS M992
EM/ER File, MS M992
Tracker, RM 604, MS M992

ENCLOSURE A

Clarifications

NMED Comment

Reference first row of table on page six of DOE/LANL's July 22, 1998 EM/ER:98-232, potential operational deviations from the MDA-P Closure Plan. DOE/LANL shall clarify what kind of containers the soils and liquids will be staged in. Container storage is required pursuant to the approved Closure Plan.

LANL Response

Decontamination liquid is currently stored in several 20,000 gallon single walled steel tanks designed to fractionate solids from liquids. These tanks are located on a lined and bermed pad.

Storm water is stored in three 10,000 gallon single walled steel tanks (each devoted to a separate run-off trench). The tanks are located on a lined and bermed pad.

Unknown liquids are either containerized or are already in containers. These are stored in a separate lined and bermed area on spill pallets within the area of contamination until they can be characterized. Once characterized, they are managed through LANL's normal waste management system.

Soils that do not have the potential to be considered hazardous waste by field screening results are stored on lined and bermed pads in 100 yd^3 lot piles. They are sprayed with an erosion control agent (i.e. Soil Sement®) to prevent re-suspension or erosion. Once waste characterization sampling results are received, the soil is loaded directly into 20 yd^3 end-dump trucks. As previously stated in Enclosure 1 of LANL's letter dated November 9, 1998 (EM/ER:98-442) "Non-hazardous waste soil and debris staged outside of the AOC [area of contamination] is considered 'construction and demolition debris' pursuant to 20 NMAC 9.1 Section 105.T and does not require containerization." However, LANL is containerizing the waste in 20 yd^3 end-dump trucks.

Soils that initially have the potential to be considered hazardous waste and/or radioactively contaminated by field screening results (VOCs, radionuclides, asbestos, barium, and quantitatively analyzed for HE using approved or proposed SW-846 methodologies including 8515 and 8510) are managed as follows:

- stored on lined bermed pads within the area of contamination in 100 yd^3 lots;
- segregated from non-hazardous waste soil; and
- once the hazardous waste characterization confirms the classification of the soil (e.g., regulated hazardous waste or non-hazardous waste), it may be shipped directly from the staging area (within the area of contamination) in 20 yd^3 end-dump trucks in accordance with applicable Department of Transportation (DOT) and hazardous waste management regulations or it will be containerized at the staging area and transported out of the area of contamination to an on-site less-than-90-day accumulation area and shipped off-site before the 90 day time frame expires.

Section 6.2.4 of the approved Closure Plan indicates that waste will be excavated using a combination of several methods. This section discusses transporting excavated waste in dump trucks to the segregation area but does not specify containerization during staging activities at MDA-P. Section 6.2.6 (page 6-25 and 6-26) specifies that "Excavated waste will be placed in

lined containers such as rolloff boxes and transported to the segregation area." "All containers including rolloff boxes, drums, tanks, etc. will be properly labeled as required to 40 NMAC Section 262.34." Although LANL has not excavated any material that has the potential to be classified as regulated hazardous waste to date, once this type of material is generated, it will be managed as specified in the bullets above.

The Environmental Protection Agency has provided guidance for management of remediation waste in a document entitled Management of Remediation Waste Under RCRA (EPA530-F-98-026 dated October 1998) that allows consolidation and treatment of hazardous waste within an area of contamination without creating a new point of hazardous waste generation or triggering land disposal restrictions or minimum technology requirements. This guidance document is included as Attachment B.

NMED Comment

DOE/LANL shall describe the procedure to track waste: which quadrant each waste pile came from, waste piles, each batch of treated waste, & containers. LANL shall also describe how the waste characterization data will be managed to assure the 90 day requirement is met.

LANL Response

A map of MDA-P has been overlaid by a specific grid consisting of designated 10 meter by 10 meter quadrants that are individually numbered. Each day of excavation is tracked back to a specific quadrant(s). Once material is excavated it is segregated into 100 yd^3 lots as required in the approved Closure Plan. Each lot is assigned a specific number for tracking purposes and on-site personnel track individual lots back to a specific quadrant.

LANL has assigned a dedicated sampling team with a dedicated Team Leader to track, sample and review analytical results for all material excavated from MDA-P. This team utilizes established procedures for sampling as specified in SW-846 and in the approved Closure Plan. The team specifically tracks the following:

- Date sampled,
- Sample request number,
- Sample identification number,
- Sample area (i.e., specific 100 yd^3 lot number),
- Analytical suite,
- Date data is due back from the analytical laboratory, and
- Date analytical data is received.

In addition, each lot of soil and recyclable material (concrete and metal) is tracked on an internal release form that contains the following information:

- Lot number,
- Sample number,
- Media,
- Destination,
- Quantity,
- Date material was released for off-site shipment
- Task Leader initials, and
- Waste Management Coordinator's initials.

Each tank of storm water or decontamination water is tracked on an internal log that contains the following information:

- Lot number,
- Sample number,
- Date material was discharged for reapplication and dust suppression on-site at MDA-P,
- Quantity released,
- Task Leader initials, and
- Waste Management Coordinator's initials.

All non-hazardous waste soil that has been generated to date is tracked by individual lot number on the bill of lading that accompanies the shipment off-site. LANL has not generated any hazardous waste soil or debris or treated any barium-contaminated soil to date. Any soil that initially has the potential to be considered hazardous waste is stored on lined bermed pads (segregated from non-hazardous waste) within the area of contamination in 100 yd^3 lots. Once a hazardous waste characterization confirms the classification of the soil as hazardous waste, it may be shipped directly from the staging area (within the area of contamination) in 20 yd^3 end-dump trucks in accordance with applicable DOT and hazardous waste management regulations or it will be containerized at the staging area and transported out of the area of contamination to an on-site less-than-90-day accumulation area and shipped off-site before the 90 day time frame expires.

Waste characterization data is received before any excavated material (e.g., concrete, scrap metal, soil, and/or other debris) leaves the area of contamination. Waste is generated at the time it leaves the area of contamination; at this point, the less-than-90-day accumulation start date begins.

ADAMS ACCESSION #

Enclosure B

United States
Environmental Protection
Agency

Solid Waste and
Emergency Response
(5305W)

EPA530-F-98-026
October 1998
www.epa.gov/osw

EPA

Management of Remediation Waste Under RCRA

printed on paper that contains at least 20 percent postconsumer fiber

Federal holidays, 8:00 - 5:00, eastern standard time. Many EPA guidance memos and other documents may also be obtained through the RCRA/CERCLA hotline fax-back system. To obtain a list of documents available over the fax-back system, and fax-back system code numbers, call the RCRA/CERCLA hotline at the numbers listed above.

I hope this information will assist you as you continue to make protective, inclusive, and efficient cleanup decisions. If you have additional questions or require more information, please contact Robert Hall or Greg Madden, of our staffs, on (703) 308-8484 or (202) 564-4229 respectively.

Regulations and Policies that Apply to All Remediation Wastes

Area of Contamination Policy. In what is typically referred to as the area of contamination (AOC) policy, EPA interprets RCRA to allow certain discrete areas of generally dispersed contamination to be considered RCRA units (usually landfills). Because an AOC is equated to a RCRA land-based unit, consolidation and *in situ* treatment of hazardous waste within the AOC do not create a new point of hazardous waste generation for purposes of RCRA. This interpretation allows wastes to be consolidated or treated *in situ* within an AOC without triggering land disposal restrictions or minimum technology requirements. The AOC interpretation may be applied to any hazardous remediation waste (including non-media wastes) that is in or on the land. Note that the AOC policy only covers consolidation and other in situ waste management techniques carried out within an AOC. For *ex situ* waste management or transfer of wastes from one area of contamination to another, see discussion of corrective action management units, below.

The AOC policy was first articulated in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). See 53 FR 51444 for detailed discussion in proposed NCP preamble; 55 FR 8758-8760, March 8, 1990 for final NCP preamble discussion. See also, most recent EPA guidance, March 13, 1996 EPA memo, "Use of the Area of Contamination Concept During RCRA Cleanups."

Corrective Action Management Units (CAMUs). The corrective action management unit rule created a new type of RCRA unit – a Corrective Action Management Unit or CAMU -- specifically intended for treatment, storage and disposal of hazardous remediation waste. Under the CAMU rule, EPA and authorized states may develop and impose site-specific design, operating, closure and post-closure requirements for CAMUs in lieu of MTRs for land-based units. Although there is a strong preference for use of CAMUs to facilitate treatment, remediation waste placed in approved CAMUs does not have to meet LDR treatment standards.

The main differences between CAMUs and the AOC policy (discussed above) are that, when a CAMU is used, waste may be treated *ex situ* and then placed in a CAMU, CAMUs may be located in uncontaminated areas at a facility, and wastes may be consolidated into CAMUs from areas that are not contiguously contaminated. None of these activities are allowed under the AOC policy, which, as discussed above, covers only consolidation and *in situ* management techniques carried out within an AOC.

CERTIFICATION

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.

Document Title: *"Closure Plan Amendment MDA-P Replacement Pages"*

Name: _____ Date: 5/7/99

Julie A. Canepa, Program Manager
Environmental Restoration Project
Los Alamos National Laboratory

or

Tom Baca, Program Director
Environmental Management
Los Alamos National Laboratory

Name: _____ Date: 5/7/99

Theodore J. Taylor, Program Manager
Environmental Restoration Program
DOE-Los Alamos Area Office

or

Joseph Vozella,
Acting Assistant Area Manager of
Environmental Projects
Environment, Safety, and Health Branch
DOE-Los Alamos Area Office

CLOSURE PLAN AMENDMENT
MDA-P REPLACEMENT PAGES

EM-623109-110

accordance with EPA guidance (EPA, 1991a). Appendix C contains photographs of the waste pile and run-on control trench. Appendix D describes vadose-zone observations from 1998 at MDA-P. Appendix E provides historical records associated with TA-16 and MDA-P. Appendix F describes the composition of explosives produced at the Laboratory. Appendix G describes sampling procedures for MDA-P closure. Appendix H presents an evaluation of the 20 NMAC 4.1 Section 261, Appendix VIII (Appendix VIII) hazardous constituents for selection of analytical methods. Appendix I provides site-specific standard operating procedures. Appendix J describes the site geology and hydrology at TA-16, Area P.

Compliance with specific regulatory requirements for closure are addressed in Chapter 6.0. The 20 MNAC 4.1 have incorporated, with a few minor exceptions, the Code of Federal Regulations (CFR) Title 40, Parts 2600 to 266 and 268 to 270 through July 1, 1993. Most regulatory citations in this closure will, therefore, be referenced to 20 NMAC 4.1. Table 1-1 lists the regulations applicable for closure of waste piles and identifies which sections of Chapter 6.0 address compliance with these regulations.

1.1 Closure Strategy

In the past, the disposal site at Area P was referred to as a landfill. However, RCRA regulations do not explicitly provide a clean-closure option for landfills. The U.S. Environmental Protection Agency (EPA) has addressed this problem by issuing guidance that allows a landfill, if clean closed under 40 CFR 265 standards, to make an equivalency demonstration under 40 CFR Section 270.1(c)(5),(6), by redefining the landfill as a waste pile (Lowrance 1989). Therefore, to clean close this unit and make an equivalency demonstration as described above, the Laboratory is referring to the MDA-P landfill as the MDA-P waste pile.

1.1.1 MDA-P and Nearby Potential Contaminated Sites

MDA-P is shown in Figure 1-1 (see map in pocket at the end of this chapter), which shows the area directly influenced by waste disposal activities and any possible subsequent contamination. The waste and contamination located within this area is specifically subject to the requirements outlined in this Closure Plan. Four other potentially contaminated areas are located in the vicinity of MDA-P; these areas (or sites) are PRSs 16-006(e), 16-010(a), 16-016(c) and 16-010(b). These PRSs are also depicted on Figure 1-1. Descriptions as well as regulatory status of these PRSs are briefly outlined below:

- PRS 16-006(e) is an active 385 gallon steel septic tank serving a water closet, lavatory, and a floor drain from a control shelter at the burning ground. The tank was constructed in 1963 and discharges to an associated drain field and outfall. PRS 16-006(e) is listed on Table A of the HSWA Module of the Laboratory's Hazardous Waste Facility Permit. RCRA Facility Investigation (RFI) sampling was completed in fiscal year (FY) 1995.

- PRS 16-010(a) is an inactive flash pad (TA-16-386) that was once used for flash burning high explosive (HE)-contaminated material. A large pile of barium nitrate was located within the confines of TA-16-386 (PRS 16-010[a]) during the 1950s and was removed by the early 1970s. PRSs 16-010(a) is listed on Table A of the HSWA Module in LANL's Hazardous Waste Facility Permit. RFI sampling was completed in FY 1995.

- PRS 16-016(c) is a barium nitrate storage site used after PRS 16-010(a) was decommissioned. PRS 16-016(c) is listed on Table A of the HSWA Module in the Laboratory's Hazardous Waste Facility Permit. RFI sampling was completed in FY 1995.

- PRS 16-010(b) is active flash pad TA-16-387 and is a RCRA-regulated interim status unit. The pad was constructed in 1951 and is used for flash burning high explosives (HE)-contaminated material. The burn area is constructed of concrete blocks placed on the ground surrounding three sides of the pad. Material to be flashed is placed within the concrete block-lined area with wood fuel to maintain the burn until all HE has been reacted.(LANL 1996).

Any releases and/or contamination associated with these PRSs will be addressed as part of other activities (i.e. RCRA Corrective Action, etc.) and are not subject to the requirements of this Closure Plan. However, at LANL's discretion, the remediation, waste management, and confirmation sampling activities associated with these four adjacent PRSs may coincide with MDA-P closure activities.

A fifth potentially contaminated area is the stream at the bottom of the Cañon de Valle, located north of the waste pile. The stream is contaminated with constituents similar to those potentially present in the waste pile (see Section 3.1). However, several other known sources of potential contamination are located upstream of the waste pile. These sources include the drainage from the burn pads, located approximately 60 ft upstream and the effluent from a National Pollutant Discharge Elimination System (NPDES)-permitted outfall from Building 260, located approximately 1700 ft upstream of the waste pile. The outfall is currently being monitored as required by the NPDES permit but not all of the potential contaminants identified in the RFI Work Plan are included in that monitoring. Another source is the MDA-R, a material disposal area that includes a World War II S-Site burning ground and its waste disposal area; this area is located

approximately 1,900 ft upstream of the waste pile. One or more of these sources has produced elevated concentrations of several potential contaminants in the stream and associated sediments. Because the stream continues to receive contaminants (e.g., barium) from these upstream sources, cleaning up the stream to the clean-closure performance goals would not be possible.

The RFI for 1082 will address contamination in the stream located at the bottom of Cañon de Valle within OU 1082. All of the contaminants in this section of the canyon are likely to have been derived from TA-16 programmatic activities. In addition, the principal contaminants (HE and barium) in Cañon de Valle are the principal contaminants for upstream potentially contaminated areas in OU 1082. The Laboratory has not set the date for beginning the OU 1082 Phase I investigation for Cañon de Valle.

The Laboratory will ensure that the contaminants identified for the adjacent potentially contaminated areas will include all of the contaminants detected during the closure of the MDA-P waste pile.

The MDA-P boundary to the South of the MDA-P waste pile was selected to parallel (but not include) the surface run-on control trench located upgradient of the waste pile. The western boundary was selected to coincide with a small ridge that divides the drainage from the burn pads and drainage from the waste pile. The northern boundary was selected to coincide with the approximate elevation of the 100-year flood-plain of the Cañon de Valle stream. However, the northwest corner of the waste pile project boundary is below the 100-year flood-plain boundary. The eastern boundary was selected to include the last drainage channel to the east that could possibly include contamination from the waste pile. The eastern boundary was selected to include the eastern and western sides of the natural drainage divide. Markers will be used to permanently identify the surveyed boundary of the MDA-P waste pile.

1.1.3 Technical Approach

To achieve closure, the entire waste pile, including hazardous and nonhazardous waste and soil, will be removed. Approximately 16,500 cubic yards (yd^3) of debris will be excavated. The primary decontamination technique will be steam cleaning. The waste contained within the pile is very heterogeneous; most of it appears to be structural steel and miscellaneous debris, which cannot be easily sampled or characterized because of the impracticality of drilling through the material and the physical size of the material. Chapter 3.0 of this plan describes what is known about the waste pile, both from process knowledge and from the limited number of samples that have been taken to characterize the waste pile.

During closure, the waste will be characterized during excavation as sections of the pile are removed. For safety reasons, the debris will be decontaminated using steam and hot water to remove potential high explosives (HE) contamination. If the HE materials cannot be effectively removed from the debris, the debris will be flashed at the TA-16 open burn pad. If a significant amount of debris is generated beyond the estimates of this plan, alternate waste treatment methods will be explored. After decontamination and/or flashing, most of the debris is expected to be designated as nonhazardous.

All debris will be steam cleaned prior to off-site management. Steam cleaning meets the alternative treatment standard for hazardous debris; thus, visual inspection will be used to verify that hazardous debris is no longer considered contaminated.

Soil, decontamination wastes (i.e., liquids and sludges), or free liquids (i.e., those liquids found in pockets or containers within the waste pile) that contain HE materials or exceed the regulatory levels for toxicity characteristic (TC) metals (e.g., barium, chromium, lead) may be treated onsite or offsite at a permitted facility. On-site treatment of this waste may include stabilization on a batch basis for metals, such as barium, chromium, or lead. The batches of material will be approximately 100 yd^3. Treatment that may be conducted onsite will occur inside tanks meeting the requirements of 20 NMAC 4.1, Sections 264.192 through 264.199. This treatment will occur

Media Place Holder
Target

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Box # 244 *

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Subject: [illegible]

YIMAD MAP

4.1.2 Sampling to Establish Baseline

Before any waste is removed, baseline levels will be established for the soil at the top of the mesa in the approximate location of the closure waste handling/management areas (e.g., staging, decontamination, treatment, storage, and loading areas). Baseline levels will be established by collecting 10 samples from locations distributed over the waste handling/management area. Baseline levels will reflect the possible presence of contaminants derived from nearby Laboratory operations that are not related to MDA-P. Baseline concentrations are represented by the 95% UTL calculated from concentrations of Appendix VIII hazardous constituents and radioactive constituents measured in soil from these areas.

Following the completion of all waste removal operations and final equipment decontamination, the areas on top of the mesa will be resampled and the sampling data compared with baseline UTLs concentrations to determine if any releases occurred during the waste removal operations.

4.1.3 Sampling of the Waste Pile

During waste removal operations, the waste pile will be sampled for potential contaminants to characterize the waste for selection of treatment and disposal options. The material to be sampled includes excavated soil and tuff, as well as debris within the waste pile. Before excavation, this material will be visually inspected and spot-tested for HE to ensure safe handling.

4.1.3.1 Soil and Tuff

One composite sample will be taken from each 100 yd^3 of waste soil and tuff. Based on the estimated waste-pile volume (16,500 yd^3), a total of approximately 165 composite samples will be collected. Composite sampling will provide data on the average concentration of contaminants required for selecting treatment and disposal options.

Each composite sample will consist of grab samples collected from 3 to 10 locations within the100 yd^3 of soil and tuff. A larger number of grab samples could result in excessive dilution of contaminant concentrations. Sufficient volume will be collected for each grab sample to ensure adequate composite sample volume for the prescribed analyses. The composite samples will

be collected from the soil before excavation or after the waste has been removed to the top of the mesa.

The leader of the sampling team will inspect the waste and select grab samples from any waste material that shows discoloration, elevated moisture content, or other evidence of potential contamination. Field instruments will be used to indicate if constituents are present in the waste during excavation. Contaminated soil will be segregated and sampled separately.

The number of samples was chosen to satisfy treatment, storage, and disposal requirements and is based on best professional judgement concerning the heterogeneity of the waste pile. Composite sampling allows more sample locations and better represents the total batch. Additional samples will be collected based on the judgement of the field team leader. By using systematic composite sampling combined with judgment-based sampling, the waste can be effectively segregated into and managed as unique and different wastestreams.

4.1.3.2 Debris

In accordance with 20 NMAC 4.1, Section 268.2(g), debris is defined as solid material exceeding a 60-mm particle size that is intended for disposal and that is a manufactured object, plant or animal matter, or natural geologic material. In addition, hazardous debris is defined as debris that contains a hazardous waste listed in 40 CFR Part 261, Subpart D, or that exhibits a characteristic of hazardous waste identified in 40 CFR Part 261, Subpart C.

The excavated debris is expected to consist of pieces of metal, concrete, wood, or other large items. All debris will be steam cleaned prior to off-site management. Steam cleaning meets the alternative treatment standard for hazardous debris; thus, visual inspection will be used to verify that hazardous debris is no longer considered contaminated. Results of visual inspection and decontamination will be documented.

During excavation, the debris will be visually inspected for HE, then removed and decontaminated.

4.1.3.3 Free Liquid and Containers of Liquid

During excavation, free liquid may be found in pockets of the debris or containers. This liquid will be pumped into a suitable container and sampled.

Containers of liquid that may be found during excavation will be carefully removed from the waste pile and placed in a cool, shaded area for sampling. Information will be obtained from any labels that may be present on the container to help identify the contents. If the contents are unknown, the container will be sampled at a later time under appropriate controlled conditions (e.g., a fume hood, or supplied air).

4.2 Strategy, Sample Point Location, and Number of Samples for Phase 2 Sampling and Analysis

After the waste pile is removed, Phase 2 confirmatory sampling will be conducted to assess whether the concentrations of Appendix VIII hazardous or radioactive constituents in the remaining soil and tuff are below acceptable levels and to determine that the closure performance standard as described in Section 6.1.1 and 6.1.1.2 has been met. Phase 2 sampling will include sampling of the soil and tuff within the MDA-P waste pile project boundary and sampling of the soil at the closure waste handling/management areas at the top of the mesa.

Additionally, visual inspections and spot testing for HE will be conducted as necessary to ensure safe sample management.

4.2.1 Sampling of the Soil Beneath and Downgradient of the Former Waste Pile

When all debris and obviously contaminated soil or tuff has been removed from the pile and any overexcavation has been completed, confirmatory samples will be collected from the exposed surface and downslope from the former waste pile at a depth of 0-12 in. to assess whether the concentrations of the remaining soil and tuff are below acceptable levels and the closure performance standard has been met. Discrete grab samples will be collected from locations

- Inorganic and organic compounds for which there are no analytical methods in SW-846 or standards
- General classes of compounds identified as not-otherwise-specified
- Chemicals whose common usage is inconsistent with operations at TA-16 and other TAs sending waste to the waste piles (e.g., pharmaceuticals, manufacture of organic chemicals)

Appendix H presents an evaluation of the Appendix VIII constituents In addition, this appendix identifies the proposed methods, analytes, estimated quantitation limits, proposed RCRA Subpart S action levels, and ER Program SALs.

Test methods for chemical analysis will be performed according to procedures documented in SW-846. Minimum calibration, operation, and quality control requirements (bias, precision, blank, and matrix effects) for laboratory analyses shall be performed as listed in the individual analytical methods of SW-846 (EPA 1992).

4.7.1 Analytical Methods

The analytical methods and number of samples are identified in Table 4-2 for Phase 1 and Phase 2 sampling. The analytical methods were selected to detect the potential constituents identified in Section 3.3 and the analytes required to satisfy the most stringent waste acceptance criteria of the off-site disposal facilities under consideration. The analytes required by the off-site disposal facilities include the following:

- TCLP metals (i.e., arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver)
- VOCs
- SVOCs

Table 4-2 Summary of Samples and Analyses

Analysis (EPA SW-846 Method except where otherwise noted)	Metals 6020 [a] 1311 [a]	Volatile Organics 8240A [b]	Semi-volatile Organics 3520A, 3540A/ 8270A [c]	Reactive Cyanide/ Sulfide 9010A, 9030A [d,h]	Total Cyanide 9011/ 9010A 9012A [e]	High Explosives 8330	Gamma Spectro-scopy	Gross Alpha 9310 [f]	Gross Beta 9310 [f]	Asbestos NIOSH Method 7400 [g]	Organo-chlorine Pesticides and PCBs 8080A [g,h]	Chlorinated Herbicides 8150B [g,h]	pH 9020	Dioxin 8280 [g]
Phase 1 Number of Samples														
Background Soil and Tuff [i]	20	0	20	0	0	0	20	20	20	0	0	0	0	0
Baseline Soil (Staging Area)	10	10	10	0	10	10	10	10	10	10	10	10	10	10
Waste Pile Soil/Tuff	165	165	165	41	0	165	165	165	165	165	41	41	41	41
Duplicate [j]	26	25	26	2	17	25	26	26	26	25	7	7	7	7
Rinsate Blank [k]	26	25	26	2	17	25	26	26	26	25	7	7	7	7
Matrix Spike [l]	18	17	18	2	9	17	18	18	18	17	4	4	4	4
Total Samples, Phase I	265	242	265	47	53	242	265	265	265	242	69	69	69	69
Phase 2 Number of Samples [m]														
Soil/Tuff	94	94	94	0	94	94	94	94	94	94	94	94	0	94
Post-closure Baseline Soil (Staging Area)	6	6	6	0	6	6	6	6	6	6	6	6	0	6
Duplicate [j]	5	5	5	0	5	5	5	5	5	5	5	5	0	5
Rinsate Blank [k]	5	5	5	0	5	5	5	5	5	5	5	5	0	5
Matrix Spike [l]	5	5	5	0	5	5	5	5	5	5	5	5	0	5
Total Samples, Phase 2	115	115	115	0	115	115	115	115	115	115	115	115	0	115

[a] Method 3005A and 3050A is digestion for water and soil, 6020 is the analytical method for most total metals. Method 7740 is the analytical method for total selenium. Methods 7470 and 7471 are the analytical methods for total mercury. Other methods may also be used (Method 6010A and 7000A series methods) as described in Section 4.6.1. Method 1311 is the TCLP method

[b] Method 8260 may be substituted for 8240A.

[c] Method 3520A and 3540A are extraction methods for water and soil, 8270A is the analytical method.

[d] Determination of reactive cyanide is described is SW-846, Chapter 7, Section 7.3.3. This determination includes portions of Method 9010A. Determination of reactive sulfide is described in Section 7.3.4. This determination includes portions of Method 9030A.

[e] Method 9011 is digestion of soil for cyanide analyses. Methods 9010A and 9012A are the analytical methods for cyanide.

[f] Method 9310 is for water samples. Soil samples will be measured using calibrated field instruments.

[g] Analyses for asbestos, organochlorine pesticides and PCB, dioxin, and chlorinated herbicides will be performed in Phase 2 only is they are detected in the Phase 1 sampling

[h] For soil/tuff samples will be taken from every fourth 100 cubic yard batch of waste that is to be deposited.

[i] The number of background samples will be identified in the Background Sampling Plan that will be submitted separately

[j] Duplicates will be collected at a frequency of one per 20 soil or tuff samples, and one per 10 water samples.

[k] Equipment rinsate blanks will be collected at a frequency of one per 20 soil or tuff samples, and one per 10 water samples.

[l] Matrix spike samples will be collected at a frequency of one per sample delivery group per matrix, with a maximum of 20 samples per delivery group.

[m] The number of samples is estimated based on the number of sample grids within the proposed waste pile project boundary. After the waste pile boundary is surveyed, the number of grids will be totaled and the number of samples will be changed if necessary.

- organochlorine pesticides and PCBs
- chlorinated herbicides
- reactive cyanide and sulfide
- pH

During Phase 1, all background soil and tuff samples will be analyzed for total metals, SVOCs, and radionuclides. The SVOC analyses will be used to establish background for the PAHs.

During Phase 1, all baseline soil samples from the waste management areas at the top of the mesa will be analyzed for total metals, VOCs, SVOCs, total cyanide, HE, radionuclides, asbestos, organochlorine pesticides and PCBs, dioxin, and chlorinated herbicides.

During Phase 1, all soil and tuff samples from the waste pile will be analyzed for TC metals using the TCLP, VOCs, SVOCs, HE, radionuclides, and asbestos. However, only one-fourth of the soil and tuff samples will be analyzed for reactive cyanide and sulfide, organochlorine pesticides and PCBs, dioxin, chlorinated herbicides, and pH, because these analytes are not expected to be present and are only included to meet the waste acceptance criteria. The reactive cyanide and sulfide, organochlorine pesticides and PCBs, dioxin, chlorinated herbicides, and pH samples will be selected by collecting one sample from every fourth 100-yd^3 batch of waste.

During Phase 1, decontamination liquid samples and free liquid samples collected from pockets within the debris or in containers will be analyzed for TC metals (using total analyses), VOCs, SVOCs, total cyanide, HE, radionuclides, and asbestos.

During Phase 2, two of the soil or tuff samples will be analyzed for the following constituents analyzed during Phase 1: total metals, VOCs, SVOCs, HE, radionuclides, asbestos, total cyanide, organochlorine pesticides and PCBs, dioxin, and chlorinated herbicides. The remaining Phase 2

For this project, an extension of the 90-day and 180-day closure time frames will be necessary. Removal of wastes and completion of closure activities as described in Sections 6.2.4, 6.2.5, and 6.2.6 will extend until September 2001. This extended time frame is necessary because the Laboratory was unable to meet the original project schedule for waste removal due to safe operating practices at the site having to be re-evaluated when detonable pieces of HE were observed during excavation. The extended time frame is also necessary because of the following factors:

- the logistics of removing relatively large amounts of waste from a steep incline;
- decontaminating waste in an area that is limited in size; and
- weather conditions that cannot be predicted with any high degree of accuracy.

For these reasons, the Laboratory requests that NMED approve the extended project schedule until September 2001 for final closure. The anticipated closure schedule is presented in Section 6.2.7.

6.1.2.2 Time Frame for Demonstrations or Extensions (20 NMAC 4.1, Section 265.113[c])

As indicated in Figure 6-2, removal of wastes and completion of closure activities will need to be extended until September 2001. If completion of final closure activities will take longer that September 2001 the Laboratory will submit a closure plan amendment in accordance with 265.112(c).

6.1.3 Disposal or Decontamination of Equipment, Structures, Debris and Soils (20 NMAC 4.1, Section 265.114)

During the final closure period, all equipment, structures, debris, and soil that is contaminated above acceptable levels must be properly disposed of or decontaminated. Contaminated equipment will be decontaminated in accordance with the procedures described in Section 6.3.1. Contaminated structures and soils will be identified, decontaminated, removed, and disposed of in accordance with the procedures described in Sections 6.2.4, 6.2.5, and 6.2.6. Section 6.3.2 describes how wastes generated during closure will be managed. Section 6.3.3 describes the criteria used to determine when decontamination and closure activities have met the closure performance standard. Section 6.3.4 describes the specific sampling and analysis procedures to be used to verify that all materials remaining onsite after closure meet the closure performance standard.

ID	Task Name	Duration	Start	Finish
1	Submit Closure Plan	0 days	Mon 2/6/95	Mon 2/6/95
2	Closure Plan Approved	0 days	Thu 2/20/97	Thu 2/20/97
3	Permit Modifications	90 days	Fri 5/7/99	Thu 9/9/99
4	Procure Equipment & Subcontractors	1174 days	Mon 8/3/98	Thu 11/30/00
5	Readiness Review	1 day	Wed 10/29/97	Wed 10/29/97
6	Begin Operations	0 days	Mon 5/13/96	Mon 5/13/96
7	Preliminary Construction	665 days	Mon 5/13/96	Fri 11/27/98
8	Excavate, Decontaminate & Sample	648 days	Wed 11/5/97	Fri 4/28/00
9	Waste Treatment (as needed)	217 days	Thu 7/1/99	Fri 4/28/00
10	Phase 2 Sampling	85 days	Mon 2/28/00	Fri 6/23/00
11	Final Closure Report	174 days	Mon 4/3/00	Thu 11/30/00
12	Reseed/Replant Vegetation	340 days	Mon 5/22/00	Fri 9/7/01

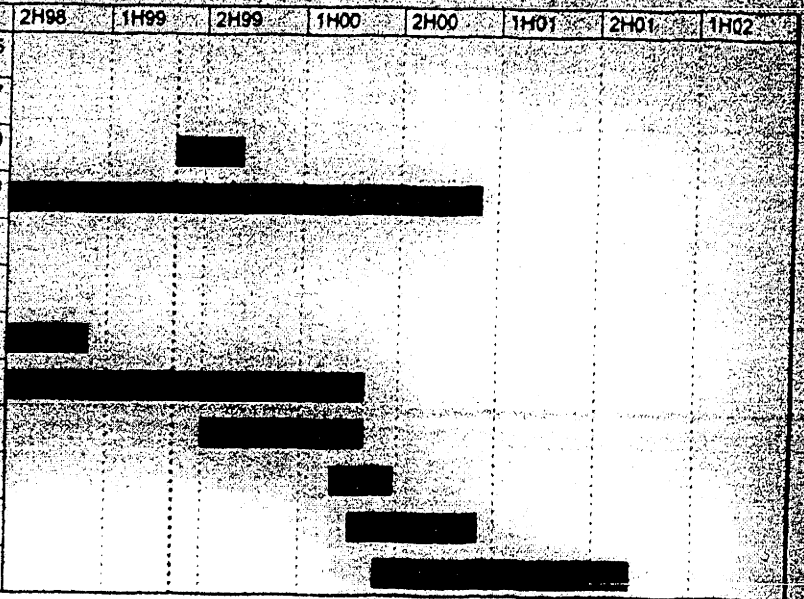

Figure 6-2:
ESTIMATED PROJECT SCHEDULE
Date: May 7, 1999

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

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DOE-EM-2149

a landfill as required by 20 NMAC 4.1, Section 265.258(b), and an amended closure/postclosure plan will be prepared and submitted to the NMED

6.2.2 Identification of Maximum Extent of Operation [20 NMAC 4.1, Section 265.112(b)(2)]

The estimated maximum extent of operation of the waste pile is shown in Figure 1-1. The waste pile was operated from the early 1950's to 1984

6.2.3 Estimate of the Maximum Inventory of Hazardous Waste [20 NMAC 4.1, Section 265.112(b)(3)]

The MDA-P waste pile contains an estimated 16,500 yd^3 of waste and debris. It is anticipated that 500 yd^3 of excavated soil will require treatment. This estimate is based on professional judgement and visual inspection of the waste pile.

6.2.4 Detailed Description of Removal of Waste Inventory [20 NMAC 4.1, Sections 265.112(b)(3) and (4)]

Prior to the excavation of the waste, several activities will occur. A staging area will be set up for the segregation of waste material (see Figure 2-4 in pocket at the end of Chapter 2.0). This staging area will be constructed on a 200-ft by 200-ft, 80-mil high-density polyethylene (HPDE) liner overlain by a protective layer of plywood or steel. Material will be placed at this staging area, inspected, sampled, and segregated based on physical characteristics. Immediately adjacent to this staging area, a decontamination pad will be constructed of concrete covered with an 80-mil HDPE liner. This liner will be overlain by a protective layer of plywood or steel. This decontamination pad will measure approximately 40 ft by 40 ft and will have 2-in. curbing to contain any liquids. During decontamination, plastic splash guards will be placed inside the curb of the decontamination pad to prevent liquids from coming into contact with surrounding soils. This decontamination pad will be placed inside a secondary containment system constructed of 80-mil HDPE with 4-in. curbing made of wood covered by the liner. During decontamination, the liquids in the decontamination pad will be vacuumed out into a container to prevent the liquid from overtopping curb levels. Nearby, two 40-ft by 40-ft evaporation ponds will be constructed

from the NMED Air Quality Bureau. During burning operations at TA-16, no personnel access will be allowed to MDA-P. TA-16 burn schedules and the contractor schedules will be coordinated to minimize project delays and TA-16 operation delays.

On-site treatment of contaminated soils or liquids will be conducted in tanks meeting the requirements of 20 NMAC 4.1, Section 264.192 through 264.199. The treatment will occur in less than 90 days and is exempted from permit requirements as described in 20 NMAC 4.1, Section 262.34. These tanks will be used for the closure of the MDA-P waste pile only. The life span of these tanks is limited to the duration of the closure which is expected to be complete by September 2001. As identified in 20 NMAC 4.1, Section 264.193(g), these tanks will be designed and operated to prevent migration of hazardous waste or constituents to the ground water or surface water. All tanks will be inspected daily to ensure no hazardous constituents can spread to the environment. All tanks will be covered with tarps at the end of each day's use. On-site treatment is expected to consist of stabilizing barium-contaminated soils. The soil will be loaded into a hopper and placed in a mixer. It is expected that 12-yd^3 batches will be mixed using mix equipment similar to a Maxon Paddle Mixer or possibly a 10-yd^3 cement mixer truck. The mixer will be placed in a secondary containment system consisting of an 80-mil HDPE liner with 4-in. curbing made of wood. The equipment will be supported with a concrete pad. The mixer and containment structure will be inspected daily and repaired as necessary to ensure no hazardous constituents can spread to the environment. All equipment will be covered with tarps after the end of each day's use. After rain events, water in treatment tanks will be pumped into containers and sampled and managed based on analytical results. The material will be mixed with a 40% solution of ammonium sulfate. An estimated 15-gal. or less of ammonium sulfate solution will be required for each cubic yard of waste. The mixture is expected to produce a moisture-free stabilized soil that will pass the paint-filter test (EPA 1992). After stabilization, the mixture will be placed in the evaporation ponds with a front-end loader for 24 hours to ensure it is dry enough to transport to the disposal facility. After successful sampling results indicate the soil no longer exhibits the TC for barium, the waste will be sent to a permitted off-site solid waste disposal facility. Water and sludge collected during decontamination will be mixed and stabilized with the soil.

Limited treatability studies will be conducted by on-site personnel or Laboratory-approved laboratories to confirm the stabilization formula prior to full-scale treatment. Two 100 mL samples

After all equipment decontamination is complete, the materials used to construct the staging, decontamination, treatment, and container storage areas will be decontaminated by steam cleaning, followed by rinsing with clean water. Next, the liners will be decontaminated in place by stream cleaning, followed by rinsing with clean water. If the liners are not radioactive and are visibly contaminated, they will be disposed of as nonradioactive, nonhazardous waste.

Decontamination wastes (i.e., liquids and sludges) will be placed in appropriate containers. The containers will be lined with material (e.g., polyethylene) that is compatible with the detergent and any contaminants expected to be present in the decontamination wastes.

After the waste containers are sealed, all visible contamination (e.g., soil) will be removed from the surface by wiping with detergent-soaked rags. If the waste is radioactive, the surface of the waste container will be radiologically surveyed to determine if total and removable contamination meets target limits. If not, additional decontamination will be performed.

6.3.2 Management of Generated Wastes [20 NMAC 4.1, Section 265.112(b)(3) and 265.114]

Wastes that may be generated during closure of the MDA-P waste pile include debris, soil and tuff, personal protective clothing, disposable sampling equipment, decontamination liquids, and construction materials (i.e., concrete pads and liners). These wastes will be characterized based on the sampling and analysis as described in Section 4.1, 4.2, and 4.3.

Based on existing waste characterization data (see Chapter 3.0), the excavated debris and equipment used during closure is expected to be easily decontaminated with steam and rendered nonhazardous. Certain generated soils and water are expected to exhibit the TC for barium and will be managed as hazardous waste.

If wastes or debris exhibit a characteristic identified in 20 NMAC 4.1, Part 261, Subpart C, or are listed waste identified in Subpart D, they will be managed as hazardous waste.

If Appendix VIII constituents are not detected in the final rinsate samples, then the decontamination pad,

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Date: May 20, 1999
Refer to: EM/ER:99-132

Mr. James Bearzi
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: MDA P WASTE DETERMINATION STRATEGY

Dear Mr. Bearzi:

The Los Alamos National Laboratory Environmental Restoration (ER) Project would like to thank your staff for taking the time to meet with ER Project and Department of Energy (DOE) staff on April 8, 1999 to discuss a waste characterization issue regarding Material Disposal Area (MDA) P. The purpose of this letter is to provide our understanding of the agreement that was reached at the meeting regarding an approach to characterizing waste that could be viewed as having F-listed constituents, but that may not have actually come from F-listed waste sources.

During the April 8, 1999 meeting, ER Project personnel discussed the possibility of finding F-listed constituents in soil or on debris removed from MDA P once excavation activities entered into the east lobe. Historically gasoline, kerosene, and solvents were used in an ignition train to start the burn process at the Technical Area 16-387 burn pad and to keep the burn hot. It most cases, it is not possible for the Laboratory to determine whether the presence of a hazardous constituent from a sample analyzed for waste characterization purposes was a product of incomplete combustion or the result of the disposal of residues from an F-listed solvent. In light of this uncertainty, it is our understanding that the Hazardous and Radioactive Materials Bureau (HRMB) has approved an approach whereby the Laboratory will manage waste materials removed from MDA P as F-listed wastes only when there is directly observable evidence that the wastes at issue, i.e., soils or debris, were in contact with an F-listed source. Such evidence would typically include indications of contact with a spent solvent container, drum, or rags. All other soil and debris wastes will undergo a waste characterization to determine whether the waste is a characteristic hazardous waste, and, if so, this waste will be managed appropriately as a hazardous waste.

We understand that the approach we agreed upon is consistent with Environmental Protection Agency (EPA) guidance identified in *Management of Remediation Waste Under RCRA* (EPA530-F-98-026) which states "Where a facility owner/operator makes a good faith effort to determine if a material is a listed hazardous waste but cannot make such a determination because documentation regarding a source of

contamination, contaminant, or waste is unavailable or inconclusive, EPA has stated that one may assume the source, contaminant or waste is not listed hazardous waste and, therefore, provided the material in question does not exhibit a characteristic hazardous waste, RCRA requirements do not apply." A footnote to this guidance further states "Listing determinations are often particularly difficult in the remedial context because the listings are generally identified by the sources of the hazardous waste rather than the concentrations of various hazardous constituents; therefore, analytical testing alone, without information on a waste's source, will not generally produce information that will conclusively indicate whether a given waste is a listed hazardous waste."

The EPA affirms in 50 FR 53316, December 31, 1985, that the threshold level (10% or more by volume for solvent mixtures) promulgated in that particular federal register is not based on health criteria, but rather on typical use patterns. Consequently, the EPA is not applying the threshold to all waste (including remediation waste) that may contain one or more of the solvents.

The ER Project is proceeding with the excavation of MDA P and is presently implementing the approach that we have agreed upon and that is described in this letter. Please let us know if you have any concerns regarding our understanding and implementation of this approach. Contact persons for this matter are Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

Julie A. Canepa, Program Manager
LANL/ER Project

Sincerely,

for Joseph H. Mose

Theodore J. Taylor, Program Manager
DOE/LAAO

JC/TT/HWB/ ev

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Date: August 10, 2000
Refer to: ER2000-0399

Mr. John Kieling
NMED-HWB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: SUBMITTAL OF RESPONSE TO REQUEST FOR SUPPLEMENTAL INFORMATION (RSI) FOR MATERIAL DISPOSAL AREA (MDA)-P POTENTIAL RELEASE SITE (PRS) 16-018 [PHASE II] SAMPLING AND ANALYSIS PLAN (SAP) AND THE VOLUNTARY CORRECTIVE ACTION (VCA) PLAN FOR PRS 16-016(c)-99

Dear Mr. Kieling:

Enclosed are three copies of the Los Alamos National Laboratory Environmental Restoration Project's Response to your RSI on the VCM Report for MDA-P (PRS 16-018) [Phase II] SAP and the VCA Plan for PRS 16-016(c)-99. The New Mexico Environment Department's RSI addresses three documents associated with the Technical (TA)-16 Burn Ground: the SAP for MDA-P, the VCA Plan for PRS 16-016(c)-99, and the Closure Plan for the TA-16-387 Flash Pad. Specific comments on the Closure Plan have already been submitted to your office on April 3, 2000 (E/ER:00-074).

If you have any questions, please call Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

Julie A. Canepa, Program Manager
Los Alamos National Laboratory
Environmental Restoration

Sincerely,

FOR Theodore J. Taylor, Program Manager
Department of Energy
Los Alamos Area Office

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Enclosure: Response to RSI

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J. Bearzi, NMED-HWB
S. Dinwiddie, NMED-HWB

Response to
Request for Supplemental Information (RSI) for MDA P (PRS 16-018) [Phase II] SAP, VCA Plan for PRS 16-016(c)-99, and TA-16-387 Closure Plan
Los Alamos National Laboratory NM08900101515
HRMB-LANL-99-001

INTRODUCTION

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim. The comments are divided into general and specific categories as presented in the letter. Los Alamos National Laboratory's (LANL's) responses follow each NMED comment. This document responds to comments on the MDA P Sampling and Analysis Plan and the VCA Plan for PRS 16-016(c)-99. Responses to comments on the TA-16-387 Closure Plan were submitted separately.

GENERAL COMMENTS

NMED Comment

1. *A "protocol for determining how additional suites will be identified based on the Phase I waste characterization data" as described in Section 2.2.3.2, Waste Characterization, was not included in the report. Therefore, a complete evaluation of the report could not be made. LANL should submit a protocol for determining when the analytes are included in Phase 2 sampling suites. LANL should also present available Phase I data (as well as the general location of associated data) HRMB will evaluate the Phase I sampling data before determining the final Phase II confirmatory sampling suite.*

LANL Response

1. As stated in the sampling and analysis plan, metals, high explosives (HE), and semivolatile organic compounds (SVOCs) will be sampled for during the Phase II sampling. Therefore, they are not screened; however, these compounds are presented in Table 1 and Table 2 of this RSI response. They are also highlighted to indicate that they are to be included in the Phase II confirmation sampling suite.

   Figure 1 of this response shows how the data for organic compounds and radionuclides were reviewed to determine which additional analytical suites to add to the Phase II sampling. These data are the results of analyzing soil samples taken from soil piles, following the excavation of the soil from MDA P, the spreading of the soil for debris removal, and the re-piling of soil. Due to this process, the soil piles are expected to be well mixed and representative. The soil in the piles was taken from one or more of the grid cells shown on Revised Figure 2.1 (attached to this response).

   Organic Compound Protocol

   First, the data were reviewed to determine which compounds were detected. These compounds are shown in Table 1 of this RSI response. The detected organic compounds were then screened against 0.3 of their ecological screening levels (ESLs) (LANL 1998, 85891.1) and 0.1 of the U.S. Environmental Protection Agency, Region 6, Human Health Medium-Specific Screening Levels (MSSLs), Industrial Scenario with dermal exposure (US EPA 1999, 64804.1). The value of 0.3 of the ESL was used, on the advice of project risk assessors, as a conservative screen for compounds important to ecological receptors where there may be multiple compounds present. The value of 0.1 of the MSSL was used for conservative screening purposes only, to identify areas where additional

sampling will be done for Phase II. Those compounds that had detections greater than 0.3 of the ESL or 0.1 of the MSSL, including HE and SVOCs, are shaded in Table 1.

The PCBs (Aroclor-1242, Aroclor-1248, Aroclor-1254, and Aroclor-1260); the pesticides Aldrin, gamma-BHC, heptachlor epoxide, 4',4'-DDE, 4',4'-DDT, and Dieldrin; and the volatile organic compounds (VOCs) tetrachloroethane (1,1,2,2-), trichloropropane(1,2,3-) and trichloroethane (1,1,2-) were detected in some waste soil samples at concentrations exceeding 0.3 of the ESL or 0.1 of the MSSL.

The samples containing the compounds at concentrations exceeding 0.3 of the ESL or 0.1 of the MSSL are also shaded in Table 2. The grid cell that the soil was taken from is shown in the Location ID column in Table 2. Grid cells are shown on Revised Figure 2.1.

To be conservative, any grid cell from which a sample with a detection of PCBs, pesticides, or VOCs exceeding 0.3 of the ESL or 0.1 of the MSSL was collected, will be analyzed for those compounds during the Phase II sampling. Grid locations are shown on Revised Figure 2.1.

Radionuclide Protocol

For the radionuclides, the data were first reviewed to determine which compounds were detected. The detected radionuclides were then screened against 0.1 of the industrial preliminary remediation goal (PRG), as calculated using the RESRAD computer program (Yu 1993, 58695). The radionuclides cobalt-60, europium-152, and uranium-235 were detected, by gamma spectroscopy, at activities greater than 0.1 of the PRG. Cobalt-60 was detected in 1 of 200 samples, and europium-152 was detected in 3 of 200 samples, at activities greater than the minimum detectable activity (MDA) for their respective samples. The LANL radiochemists think these detections are outliers and do not represent the presence of these radionuclides. These radionuclides are shaded in Table 3. The full set of radionuclide detections is presented in Table 4. The samples with detections greater than 0.1 of the PRG are shaded in this table. The grid cell that the soil was taken from is shown in a column within Table 4. Grid cells are shown on Revised Figure 2.1.

NMED Comment

2. *"Spatially averaged contaminant concentrations" are not considered valid to support human health or ecological risk assessments. LANL should insert language within the document that reflects the discussion in Section 6.1.1.2 of the approved Closure Plan, i.e., maximum constituent concentrations.*

LANL Response

2. Contaminant concentrations within exposure units will not be spatially averaged. LANL's ER Project will use the maximum constituent concentrations for screening and/or assessment activities unless enough data were collected to establish and use the 95th percentile upper confidence limit (95% UCLs). The latter should be the case for data collected during Phase II sampling activities.

NMED Comment

3. *All changes, modifications, or clarifications need to be specified in each of the three documents.*

LANL Response

3. This response to the RSI will serve as an addendum to each of the two remaining documents. The document that responds to the 387 Burn Pad Closure Plan has been submitted separately in March 2000. Revised documents will not be prepared.

SPECIFIC COMMENTS

NMED Comment

1. *§1.1, paragraph 2, Page 4, Objectives and Scope,*
   The geographic boundary between Cañon de Valle and the MDA-P investigation is the toe of the slope, a boundary that is consistent with the geomorphic survey taken for the TA-16-260 Outfall...

   There is no problem assigning the toe of slope as the northern boundary of the site. However, there should be a discussion in the report on which LANL group will be responsible for investigation the soils, sediments, and surface waters downstream of the site.

   HRMB recommends that the MDA-P team work closely with the Canyons Focus Area and 260 Outfall Corrective Measures Study (CMS) teams to insure that none of the downstream areas are inadvertently missed.

LANL Response

1. The MDA P team will work closely with the Canyons Focus Area and the 260 outfall's corrective measures study (CMS) team to ensure a smooth handoff of follow-on activities in Cañon de Valle. Responsibilities for the follow-on activities will be detailed in the closure report.

NMED Comment

2. *§1.1, paragraph 2, Page 4, Objectives and Scope,*
   There is no outfall at MDA-P.

   In Section 2.1.1, paragraph 5, page 10 is the following statement: "Drawing ENG-C 23442 indicates that an outfall is associated with the overflow lines from the tank. [for PRS 16-006(e)]."

   HRMB recommends that the existence of the outfall be clarified and its location indicated on Figure 1.2.

LANL Response

2. There was an outfall from PRS 16-006(e) (a septic tank associated with the former control building) at MDA P. This area will be excavated during the MDA P project. This outfall has been added to Revised Figure 2.1, which is attached to this RSI response.

NMED Comment

3. *§1.1, paragraph 1, Page 6, Objectives and Scope,*
   With the possible exception of uranium, no radionuclides are suspected to have been associated with historical activities within the MDA-P cluster.

The following statement from the MDA-P Team Meeting Minutes of 29 April 1998 indicates that both depleted uranium and thorium are suspected to have been present in the landfill debris: "Bob [Elliott] did relay that he personally remembered monitoring debris with residual levels of depleted uranium during this time period [the 50's, 60's, and 70's]. He went on to express that Thorium (oxides/solids) might also be expected within the landfill."

HRMB recommends that both depleted uranium and thorium be included as principal contaminants identified in Section 2.2.2.1.

LANL Response

3. The uranium found during the excavation was in the form of discrete pieces. Based on the results of the waste pile characterization for radionuclides, presented in Table 3 and Table 4 of this RSI response, it appears that uranium-238 is present at concentrations slightly greater than the background value in soil but not above 0.1 of the PRG. Uranium-235 was detected at an activity exceeding 0.1 of the PRG in 1 of 303 samples. Therefore, uranium-238 has not been added to the analyte list for the Phase II sampling. Uranium-235 will be analyzed for in all grid cells from which the composit sample was composed (cells 624, 625, 626, 660, 661, 662, and 663). LANL is not proposing to add thorium to the analyte suite for Phase II sampling because LANL expects it to have been used in the same manner as uranium and so be present as discrete pieces. No pieces of thorium were found during the cleanup.

NMED Comment

4. *§1.4, paragraph 32, Page 8, Data Quality Objectives; §3.1, paragraphs 1-5, Page 27, and §3.1, Table 3-1, Page 28.*

   Contaminant concentrations were to be compared to EPA Region 9 PRGs as the basis for determining whether residual concentrations were acceptable.

   It is not clear if the document is referring to EPA Region 9 or Region 6. Also, some of the tabulated PRG values are not consistent with the most current PRG tables.

   The 1999 Region 6 Human Health Medium-Specific Screening Levels (MSSLs) or the 1999 Region 6 PRGs are the appropriate screening levels to be applied to the SAP and the other two documents.

LANL Response

4. LANL will use the U.S. Environmental Protection Agency, Region 6, Human Health Medium-Specific Screening Levels (MSSLs) (US EPA 1999, 64804.1).

NMED Comment

5. *§2.1.1, paragraph 1, Page 10, Site Description,*
   The depth of the waste pile is approximately 12 to 14 feet.

   During the November 4, 1999 ER Monthly Meeting Mr. Ken Bostick stated that the depth of the landfill debris [in the western lobe] was 20 to 30 feet.

   HRMB recommends that the text be revised accordingly.

LANL Response

5. As stated by Mr. Bostick, excavation has now shown that the debris in the west lobe is 20 to 30 ft thick; however, it should be noted that this is not a true thickness of the waste pile because it is actually a mantle laying on the hillslope.

NMED Comment

6. *§2.1.2, paragraph 1, Page 11, Operational History,*
The pile was removed by the 1970's.

In order to assess how much of the barium nitrate pile may have migrated off site, HRMB recommends LANL provide documentation or an estimate of the volume of the pile prior to its removal.

LANL Response

6. After reviewing the available documentation, LANL has determined that an accurate estimate of the amount of barium that may have migrated from the pile could not be made. The area that formerly contained the pile has been excavated, and the slope north of the pile has been excavated. In addition, these areas were analyzed for barium during Phase I of the project. Therefore, the extent of the remaining barium is well constrained. Barium will also be analyzed for during the Phase II sampling.

NMED Comment

7. *§2.1.3, paragraph 3, Page 11, Waste Characteristics,*
According to site personnel, no depleted uranium was known to have been placed in MDA-P.

See Specific Comment No. 3 above. While the statement may be technically correct, depleted uranium is a suspected radionuclide.

HRMB recommends that LANL clarify the text accordingly.

LANL Response

7. This RSI response will serve as an addendum to the sampling and analysis plan. Revised documents will not be prepared.

NMED Comment

8. *§2.2.2.1, paragraph 3, Page 13, Nature and Extent of Contamination,*
The fill from TA-51 was taken from an area categorized as "clean."

HRMB recommends LANL document and clarify the meaning of "clean" fill.

LANL Response

8. The "clean" fill discussed in the referenced section was obtained from Technical Area 51 (TA-51) and was used to build roads and pads to support closure activities at MDA P. The fill material (mostly sand and gravel) was originally obtained from a commercial vendor and used in a subsidence experiment at TA-51. No chemicals or other tracers were added to the material during the experiment. After completion of the experiment, the material was stockpiled at TA-51 until it was used to build roads and pads at MDA P.

NMED Comment

9. *§2.2.2.1, paragraph 3, Page 13, Large-Scale Lateral Extent,*
In the area of the decontamination pad, barium was elevated in tuff below contaminated surface fill, indicating that infiltration of barium from fill into tuff may have occurred.

§2.2.2.2, paragraph 2, Page 16, Chemical Fate,
Because large pieces of barium nitrate have been discovered within MDA-P, it is possible that migration of soluble barium from MDA-P may also be of concern.

§ Attachment 1, paragraph 2, Page 1–17, 1988 McLin data,
This report states that "at least some of the barium has been mobilized by infiltrating precipitation, and has penetrated to a depth of approximately 19 feet, or at least six feet below the landfill bottom."

§ Attachment 1, paragraph 3, Page 1–17, 1988 McLin data,
The four lysimeters located within MDA-P produced minimal amounts of water during routine sampling over a nine month period.

HRMB is concerned that the extent of barium in the tuff below the landfill has not been adequately characterized. The presence of at least some water in the subsurface indicates there might be a driving force for the transport of barium and other contaminants. LANL should provide more data on the vertical extent of the barium, how much barium will remain at depth after excavation, and contingency plans for dealing with the barium remaining at depth.

LANL Response

9. Mr. McLin (1988, 11718.1) used the Extraction Proceedure (EP) Test Method on cuttings from drilling. In these tests, barium was detected at a concentration of 229.3 mg/L at a depth of 16 ft below ground surface (bgs); at a concentration of 23.4 mg/L at 17 ft bgs; at a concentration of 20.7 mg/L at 18 ft bgs; and at a concentration of 14.8 mg/L at a depth of 19 ft bgs; all from boring B-4. These data were used to suppport the statement that barium has migrated into the bedrock tuff.

Mr. McLin (1988, 11718.1) interpreted the base of the waste pile to be at approximately 13 ft bgs. Based on the results of excavation, this interpretation is incorrect. Following excavation of the east lobe of the waste pile, the conceptual model for the waste pile has been revised. Excavation indicates that there is a layer of fill material tuff below the waste, but above the bedrock tuff.

In the area of the east lobe of the waste pile, a total of 19 ft of cover material, waste, and underlying fill were removed before "bedrock" tuff was encountered. Mr. McLin (1988, 11718.1) interpreted (from drill cuttings) the tuff fill material below the waste pile to be bedrock. This may have been due to the fact that the tuff fill material contained some large boulders and that only cuttings were available.

Therefore, the contact between undisturbed bedrock tuff and fill material was not actually reached by boring B-4.

In summary, the cover material, waste, and fill material above bedrock tuff have been removed by excavation. Phase II sampling of the bedrock tuff will determine whether barium is present in the bedrock tuff.

The results from the Phase II sampling will be used in the risk assessment portion of the Closure Performance Standard evaluation, as described in Section 6.1.1.2 of the Closure Plan, to determine what future steps must be taken.

NMED Comment

10. *§2.2.2.1, paragraph 4, Page 14, Nature and Extent of Contamination within MDA-P PRS Cluster, The presence of elevated chromium in the tuff samples, when chromium was not observed above background in soil samples, is unexpected and anomalous relative to observations in the baseline samples.*

    Chromium should be added to the list of COPCs and to Table 2-6 on page 25.

LANL Response

10. Neither of the two soil samples collected at PRS 16-006(e) contained chromium at a concentration exceeding the soil background value of 19.3 mg/kg (Table 1.3-1 and 1.3-2 in Attachment 1 of the SAP). The reported values were 6.7 and 10.7 mg/kg, respectively. One of two tuff samples collected at PRS 16-006(e) contained chromium at a concentration of 10.7, exceeding the tuff background value of 7.14 mg/kg. The other sample contained chromium at a concentration of 7.1 mg/kg. However, chromium results will be obtained as part of the metals suite already included for Phase II.

NMED Comment

11. *§2.2.2.2, paragraph 2, Page 17, Chemical Transport, Investigation of the MDA-P for guiding Phase I activities has shown that a pre-existing drainage channel exists beneath MDA-P.*

    Because it may represent a preferred pathway for contaminants, HRMB requests additional data on the location and depth of the drainage channel. The location of the channel should be indicated on one of the figures, such as Figure 2.1.

LANL Response

11. The presence of the preexisting channel was postulated based on some trenching done prior to the excavation of MDA P. Following the complete excavation of the west lobe of MDA P to bedrock tuff, the interpretation of the earlier trenching has been revised. The shape of the existing bedrock tuff exposed by excavation does not show a preexisting channel beneath MDA P. Therefore, it will not be added to the map.

NMED Comment

12. *§2.2.3.2, Figure 2.1, Page 23, Media Characterization*

    As presented, the figure is not clear. HRMB suggests using a larger scale or multiple figures to clearly show all of the proposed sampling locations.

LANL Response

12. A Revised Figure 2.1, presented as a plate, has been prepared and is included with this RSI response. The figure includes the numbered cells. In addition, the cells to be sampled are highlighted in Table 2 and Table 4 of this RSI response.

NMED Comment

13. *§2.2.3.2, paragraph 3, Page 25, Media Characterization,*
    After Phase II confirmatory sampling has been completed, four boreholes will be drilled in Cañon de Valle between MDA-P and the watercourse to a depth of 20 feet, as described in approved Closure Plan for MDA-P.

    Locations of the proposed boreholes should be indicated on Figure 2.1. As stated on page 4-6 of the approved Closure Plan, HRMB has not agreed on the number of boreholes needed.

LANL Response

13. During the final Phase I sampling, which will include samples taken 6 in. into tuff in some of the sample locations, LANL will meet with NMED to determine the number and location of borings. Page 4-6 of the Closure Plan refers to borings drilled "10 feet beyond the vertical extent of contamination," presumably into the bedrock tuff beneath the waste pile. However, the response to specific comment 3 on the notice of deficiency (NOD) (LANL 1996, 54452.3) discusses both borings into tuff and proposes that four borings be drilled "in the canyon between the landfill and the stream." Therefore, it is still unclear what type of borings are to be drilled.

    Prior to Phase II, a meeting between NMED and LANL will be held to discuss the number, depth, and location of borings.

Specific Comment on the VCA Plan for 16-016(c)-99

NMED Comment

1. *§6.0, paragraph 1, Page 3-7, Basis for Cleanup Levels,*
   The PRGs proposed for PRS 16-016(c) are the same as those proposed in this Phase II SAP for MDA-P.

   Cleanup levels, whether PRGs or MSSLs, must be consistent between the documents.

LANL Response

1. LANL will use the Environmental Protection Agency (EPA) Region 6 Human Health Medium-Specific Screening Levels (MSSLs) (June 1999, 64804.1).

REFERENCES

Los Alamos National Laboratory (LANL), 1998. ECORISK Database. Los Alamos National Laboratory Records Processing Facility Package Number 186, April 2000, Los Alamos, New Mexico. **(LANL 1998, 85891.1)**

LANL, May 9, 1996, "Response to the Notice of Deficiency (NOD) for the Material Disposal Area (MDA) P Closure Plan," Los Alamos National Laboratory, Los Alamos, New Mexico **(LANL 1996, 54452.3)**

McLin, S., August 18, 1989. "Vadose Zone Monitoring Observations at the TA-16 Area P Landfill" Los Alamos National Laboratory Report, Los Alamos, New Mexico. **(McLin 1989, 11718.1)**

U.S. Environmental Protection Agency (US EPA), June 1999. EPA Region 6 Human Health Medium-Specific Screening Levels. U.S. Environmental Protection Agency, Region 6, Dallas, TX. **(US EPA 1999, 64804.1)**

Yu, Charlie, 1993. RESRAD (computer software program). Environmental Assessment Division, Argonne National Laboratory. Argonne, IL. **(Yu 1993, 58695)**

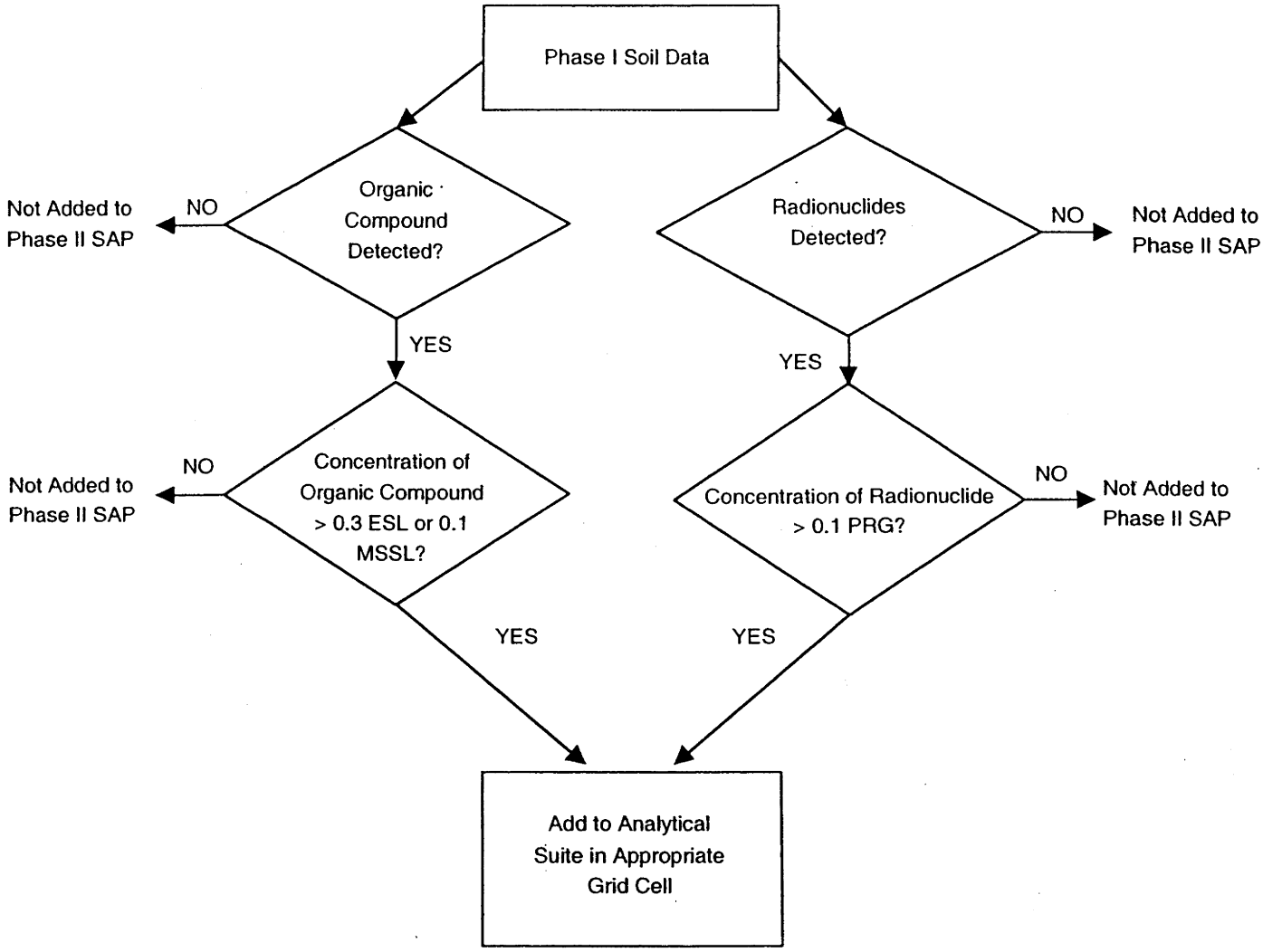

Figure 1. Flow chart for selecting analytes for Phase II sampling

Table 1

Frequency of Organic Detects at MDA P

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
Acenaphthene	198	5	0.026 to [19]	0/198	2000	0/198	0.75	5/198	0.02600	0.13180	0.36000
Acetone	206	29	[0.0023] to 0.12	0/206	580	0/206	0.54	29/206	0.00360	0.02408	0.12000
Aldrin	56	1	[0.0017 to 0.18]	1/56	0.01	NA	NA	1/56	0.03700	0.03700	0.03700
Amino-2,6-dinitrotoluene[4-]	84	16	0.22 to [120]	NA	NA	NA	NA	16/84	0.22000	0.88625	1.80000
Amino-4,6-dinitrotoluene[2-]	85	15	0.1 to [120]	NA	NA	0/85	1.83	15/85	0.10000	0.57060	1.20000
Amino-DNTs	91	38	0.33 to [50]	NA	NA	NA	NA	38/91	0.33000	1.11632	4.90000
Aniline	200	1	[0.36 to 38]	0/200	31	NA	NA	1/200	0.78000	0.78000	0.78000
Anthracene	180	14	0.02 to [19]	0/180	10000	0/180	66	14/180	0.02000	0.11600	0.38000
Aroclor-1242	54	17	[0.033] to 5.1	15/54	0.1	17/54	0.048	17/54	0.06700	1.21776	5.10000
Aroclor-1248	54	8	[0.033 to 1.9]	5/54	0.1	8/54	0.0009	8/54	0.06000	0.42200	1.70000
Aroclor-1254	54	21	0.018 to [1.9]	3/54	0.1	12/54	0.036	21/54	0.01800	0.10157	0.65000
Aroclor-1260	54	11	0.016 to [1.9]	6/54	0.1	11/54	0.015	11/54	0.01600	0.44973	1.20000
Benzene	174	2	0.003 to [0.007]	0/174	0.14	0/174	19.8	2/174	0.00300	0.00350	0.00400
Benzo(a)anthracene	195	13	0.02 to [19]	2/195	0.2	0/195	0.99	13/195	0.02000	0.12731	0.64000
Benzo(a)pyrene	196	13	0.028 to [19]	13/196	0.02	1/196	0.54	13/196	0.02800	0.12815	0.79000
Benzo(b)fluoranthene	196	14	0.026 to [19]	2/196	0.2	0/196	2.22	14/196	0.02600	0.10900	0.61000
Benzo(g,h,i)perylene	193	11	0.023 to [19]	NA	NA	0/193	3.6	11/193	0.02300	0.09900	0.57000
Benzo(k)fluoranthene	196	13	0.021 to [19]	0/196	2	0/196	3.9	13/196	0.02100	0.11762	0.68000
BHC[alpha-]	56	2	[0.0017 to 0.18]	0/56	0.048	NA	NA	2/56	0.00250	0.00250	0.00250
BHC[gamma-]	56	3	[0.0017 to 0.18]	0/56	0.23	3/56	0.0102	3/56	0.01800	0.02633	0.03800
Bis(2-chloroethyl)ether	200	1	[0.33 to 19]	1/200	0.049	NA	NA	1/200	0.39000	0.39000	0.39000
Bis(2-ethylhexyl)phthalate	162	118	0.04 to 53	8/162	12	113/162	0.072	118/162	0.04000	4.24192	53.00000
Bisphenol A	1	1	0.331 to 0.331	NA	NA	NA	NA	1/1	0.33100	0.33100	0.33100
Butanone[2-]	196	13	0.0017 to [0.028]	0/196	2600	0/196	285	13/196	0.00170	0.00306	0.00500
Chlordane (Technical Grade)	45	3	[0.0017] to 0.077	NA	NA	NA	NA	3/45	0.00450	0.02867	0.07700
Chlordane[alpha-]	56	4	[0.0017 to 0.18]	NA	NA	0/56	0.63	4/56	0.01300	0.04750	0.14000
Chlorobenzene	173	2	0.00044 to 0.186	0/173	18	0/173	7.2	2/173	0.00044	0.09322	0.18600
Chloroethane	192	6	0.005 to [0.014]	0/192	160	NA	NA	6/192	0.00500	0.00750	0.00890
Chloroform	173	1	[0.0002 to 0.007]	0/173	0.052	0/173	9.6	1/173	0.00400	0.00400	0.00400
Chloromethane	196	6	0.001 to [0.014]	0/196	0.26	NA	NA	6/196	0.00100	0.00450	0.01200
Chlorophenol[2-]	200	1	[0.33 to 19]	0/200	23	1/200	0.36	1/200	0.39000	0.39000	0.39000
Chrysene	191	16	0.021 to [19]	0/191	20	0/191	0.99	16/191	0.02100	0.14156	0.85000
DDE[4,4'-]	56	8	[0.00069 to 0.36]	0/56	1	8/56	0.00054	8/56	0.00088	0.00638	0.01800
DDT[4,4'-]	56	12	0.0017 to [0.36]	0/56	1	12/56	0.00084	12/56	0.00170	0.00681	0.01100
Dehydroabietic Acid	1	1	0.34 to 0.34	NA	NA	NA	NA	1/1	0.34000	0.34000	0.34000
Di-n-butylphthalate	167	48	0.021 to [19]	0/167	6200	44/167	0.039	48/167	0.02100	0.18106	1.10000

Table 1 (continued)

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
Di-n-octylphthalate	199	1	[0.33 to 19]	0/199	1200	0/199	48	1/199	0.39000	0.39000	0.39000
Dibenz(a,h)anthracene	200	4	0.02 to [19]	3/200	0.02	0/200	0.69	4/200	0.02000	0.03875	0.06600
Dibenzofuran	198	2	0.043 to [19]	0/198	210	0/198	18.3	2/198	0.04300	0.06550	0.08800
Dibromo-3-chloropropane[1,2-]	192	1	0.001 to [0.014]	0/192	0.12	NA	NA	1/192	0.00100	0.00100	0.00100
Dichlorobenzene[1,2-]	372	2	0.00024 to [19]	0/372	37	NA	NA	2/372	0.00024	0.19512	0.39000
Dichlorobenzene[1,3-]	373	2	[0.005 to 19]	0/373	14	NA	NA	2/373	0.21500	0.30250	0.39000
Dichlorobenzene[1,4-]	372	1	[0.005 to 19]	0/372	0.7	0/372	3.6	1/372	0.39000	0.39000	0.39000
Dichlorodifluoromethane	192	3	0.004 to [0.014]	0/192	31	NA	NA	3/192	0.00400	0.00467	0.00500
Dichloroethene[cis-1,2-]	172	9	0.00026 to [0.012]	0/172	15	NA	NA	9/172	0.00026	0.00069	0.00280
Dichloropropene[1,1-]	172	1	0.002 to [0.007]	NA	NA	NA	NA	1/172	0.00200	0.00200	0.00200
Dieldrin	56	1	[0.0033 to 0.36]	1/56	0.011	1/56	0.0123	1/56	0.01900	0.01900	0.01900
Dimethysulfoxide	1	1	2.67 to 2.67	NA	NA	NA	NA	1/1	2.67000	2.67000	2.67000
Dinitrotoluene[2,4-]	353	26	0.024 to [120]	0/353	120	9/353	0.36	26/353	0.02400	0.92900	5.40000
Endosulfan I	56	5	[0.0017 to 0.18]	NA	NA	NA	NA	5/56	0.00820	0.04408	0.11000
Endrin Aldehyde	56	1	[0.00033 to 0.36]	NA	NA	NA	NA	1/56	0.00390	0.00390	0.00390
Endrin Ketone	56	2	[0.0033 to 0.36]	NA	NA	NA	NA	2/56	0.03200	0.03200	0.03200
Ethanol[2-(2-butoxyethoxy)]	2	2	0.25 to 2.7	0/2	360	NA	NA	2/2	0.25000	1.47500	2.70000
Ethylbenzene	173	2	0.001 to [0.007]	0/173	23	NA	NA	2/173	0.00100	0.00100	0.00100
Fluoranthene	185	37	0.021 to [19]	0/185	2100	0/185	7.8	37/185	0.02100	0.13084	1.60000
Fluorene	198	4	0.021 to [19]	0/198	1500	0/198	8.7	4/198	0.02100	0.07450	0.16000
Heptachlor Epoxide	56	2	[0.0017 to 0.18]	2/56	0.019	NA	NA	2/56	0.02800	0.02800	0.02800
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	54	14	0.00003 to [0.00084]	NA	NA	NA	NA	14/54	0.00003	0.00014	0.00023
Heptachlorodibenzodioxins (Total)	54	16	[0.00003 to 0.00084]	NA	NA	NA	NA	16/54	0.00009	0.00029	0.00059
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	54	12	[0.00004 to 0.00073]	NA	NA	NA	NA	12/54	0.00005	0.00016	0.00032
Heptachlorodibenzofurans (Total)	54	12	[0.00004 to 0.00073]	NA	NA	NA	NA	12/54	0.00005	0.00019	0.00040
Heptadecane	2	2	0.241 to 0.307	NA	NA	NA	NA	2/2	0.24100	0.27400	0.30700
Hexachlorodibenzodioxins (Total)	54	6	[0.00004 to 0.00093]	NA	NA	NA	NA	6/54	0.00005	0.00024	0.00044
Hexachlorodibenzofuran[1,2,3,4,7,8-]	121	11	0.00001 to [0.00081]	NA	NA	NA	NA	11/121	0.00001	0.00008	0.00023
Hexachlorodibenzofuran[1,2,3,6,7,8-]	41	2	0.00001 to [0.00082]	NA	NA	NA	NA	2/41	0.00001	0.00001	0.00002
Hexachlorodibenzofurans (Total)	54	6	[0.00003 to 0.00077]	NA	NA	NA	NA	6/54	0.00006	0.00025	0.00054

Table 1 (continued)

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
Hexachloroethane	200	1	[0.33 to 19]	0/200	12	NA	NA	1/200	0.39000	0.39000	0.39000
Hexadecanoic Acid	8	8	0.2 to 30.6	NA	NA	NA	NA	8/8	0.20000	4.05888	30.60000
Hexamethylcyclotrisiloxane	1	1	0.0066 to 0.0066	NA	NA	NA	NA	1/1	0.00660	0.00660	0.00660
HMX	175	157	0.14 to 1000	0/175	3100	153/175	0.3	157/175	0.14000	66.81949	1000.00000
Indeno(1,2,3-cd)pyrene	197	8	0.027 to [19]	1/197	0.2	0/197	3.6	8/197	0.02700	0.10475	0.44000
Isobutane	7	7	0.0065 to 0.054	NA	NA	NA	NA	7/7	0.00650	0.04050	0.05400
Isopentane	7	7	0.0094 to 0.042	NA	NA	NA	NA	7/7	0.00940	0.02934	0.04200
Isopropyltoluene[4-]	172	1	[0.001 to 0.007]	NA	NA	NA	NA	1/172	0.00380	0.00380	0.00380
Longifolene[(+)-]	1	1	0.425 to 0.425	NA	NA	NA	NA	1/1	0.42500	0.42500	0.42500
Methyl Acetate	3	3	0.006 to 0.02	0/3	8700	NA	NA	3/3	0.00600	0.01100	0.02000
Methyl-2-pentanone[4-]	193	1	0.002 to [0.028]	0/193	280	NA	NA	1/193	0.00200	0.00200	0.00200
Methylene Chloride	212	27	[0.0021] to 0.058	0/212	1.9	0/212	1.98	27/212	0.00220	0.00985	0.03100
Methylphenol[2-]	200	1	[0.33 to 19]	0/200	3100	NA	NA	1/200	0.39000	0.39000	0.39000
Methylphenol[4-]	200	1	[0.33 to 19]	0/200	310	NA	NA	1/200	0.39000	0.39000	0.39000
Myristic acid	1	1	0.316 to 0.316	NA	NA	NA	NA	1/1	0.31600	0.31600	0.31600
Naphthalene	232	3	[0.0012 to 19]	0/232	19	1/232	0.06	3/232	0.02200	0.09567	0.24000
Nitrobenzene	375	1	[0.25 to 120]	0/375	9.1	0/375	4.2	1/375	0.39000	0.39000	0.39000
Nitroso-di-n-propylamine[N-]	200	1	[0.33 to 19]	1/200	0.025	NA	NA	1/200	0.39000	0.39000	0.39000
Nitrosodimethylamine[N-]	200	1	[0.33 to 19]	1/200	0.0034	NA	NA	1/200	0.39000	0.39000	0.39000
Nitrotoluene[2-]	153	4	0.027 to [120]	NA	NA	1/153	1.5	4/153	0.02700	0.93125	3.02000
Nonadecane	2	2	0.182 to 0.319	NA	NA	NA	NA	2/2	0.18200	0.25050	0.31900
Octachlorodibenzodioxin	54	25	[0.00002 to 0.0013]	NA	NA	NA	NA	25/54	0.00010	0.00043	0.00098
Octachlorodibenzofuran	54	13	[0.00004 to 0.001]	NA	NA	NA	NA	13/54	0.00006	0.00015	0.00031
Octacosane	1	1	0.241 to 0.241	NA	NA	NA	NA	1/1	0.24100	0.24100	0.24100
Octadecane[n-]	3	3	0.181 to 0.302	NA	NA	NA	NA	3/3	0.18100	0.23533	0.30200
Octadecanoic acid	1	1	31 to 31	NA	NA	NA	NA	1/1	31.00000	31.00000	31.00000
Octadecanol[1-]	1	1	0.635 to 0.635	NA	NA	NA	NA	1/1	0.63500	0.63500	0.63500
Pentachlorodibenzodioxins (Total)	54	1	[0.00002 to 0.014]	NA	NA	NA	NA	1/54	0.00017	0.00017	0.00017
Pentachlorodibenzofuran[2,3,4,7,8-]	54	2	[0.00001 to 9.700001E-04]	NA	NA	NA	NA	2/54	0.00003	0.00004	0.00005
Pentachlorodibenzofurans (Total)	54	3	[0.00002 to 0.0026]	NA	NA	NA	NA	3/54	0.00021	0.00035	0.00049
Pentacosane	1	1	0.282 to 0.282	NA	NA	NA	NA	1/1	0.28200	0.28200	0.28200
PETN	168	24	0.17 to 6	NA	NA	0/168	4200	24/168	0.17000	0.84625	6.00000
Phenanthrene	182	12	0.02 to [19]	NA	NA	0/182	33	12/182	0.02000	0.29617	1.70000
Phenol	199	1	[0.33 to 19]	0/199	10000	0/199	2.37	1/199	0.39000	0.39000	0.39000
Pyrene	184	40	0.022 to [19]	0/184	1500	0/184	4.5	40/184	0.02200	0.15497	2.70000

Table 1 (continued)

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
RDX	175	159	0.11 to 1800	131/175	1.6	132/175	1.53	159/175	0.11000	200.80101	1800.00000
Styrene	172	1	0.00036 to [0.007]	0/172	170	NA	NA	1/172	0.00036	0.00036	0.00036
Tetrachlorodibenzodioxins (Total)	54	5	0.00001 to [0.00039]	NA	NA	NA	NA	5/54	0.00001	0.00007	0.00012
Tetrachlorodibenzofuran[2,3,7,8-]	54	6	[0.00002 to 0.00043]	NA	NA	NA	NA	6/54	0.00002	0.00006	0.00011
Tetrachlorodibenzofurans (Total)	54	6	[0.00002 to 0.00043]	NA	NA	NA	NA	6/54	0.00006	0.00011	0.00027
Tetrachloroethane[1,1,2,2-]	188	16	[0.005] to 0.455	16/188	0.084	0/188	11.7	16/188	0.15700	0.22187	0.45500
Tetrachloroethene	172	4	0.00057 to [0.007]	0/172	1.3	0/172	1.14	4/172	0.00057	0.00096	0.00200
Toluene	179	53	0.00034 to 0.0084	0/179	52	0/179	21.3	53/179	0.00034	0.00260	0.00840
Tribromophenol[2,4,6-]	2	2	1.19 to 1.23	NA	NA	NA	NA	2/2	1.19000	1.21000	1.23000
Tributyl Phosphate	1	1	1 to 1	NA	NA	NA	NA	1/1	1.00000	1.00000	1.00000
Trichloro-1,2,2-trifluoroethane[1,1,2-]	172	5	0.002 to [0.007]	0/172	560	NA	NA	5/172	0.00200	0.00250	0.00330
Trichloroethane[1,1,1-]	173	2	0.001 to [0.007]	0/173	140	0/173	840	2/173	0.00100	0.00150	0.00200
Trichloroethane[1,1,2-]	180	8	[0.005] to 0.296	8/180	0.18	NA	NA	8/180	0.19000	0.23625	0.29600
Trichloroethene	172	1	0.00043 to [0.007]	0/172	0.6	0/172	0.57	1/172	0.00043	0.00043	0.00043
Trichlorofluoromethane	194	20	[0.001 to 0.007]	0/194	130	NA	NA	20/194	0.00100	0.00204	0.00480
Trichloropropane[1,2,3-]	175	1	0.001 to [0.007]	1/175	0.00031	NA	NA	1/175	0.00100	0.00100	0.00100
Trimethylbenzene[1,2,4-]	172	1	0.00057 to [0.007]	0/172	17	NA	NA	1/172	0.00057	0.00057	0.00057
Trinitrobenzene[1,3,5-]	175	27	0.17 to [120]	0/175	1900	9/175	2.1	27/175	0.17000	2.02481	6.40000
Trinitrotoluene[2,4,6-]	216	177	0.1 to 1300	125/216	5.8	177/216	0.09	177/216	0.10000	80.23640	1300.00000
Tris(2-chloroethyl) Phosphate	10	10	0.181 to 14	NA	NA	NA	NA	10/10	0.18100	2.38440	14.00000
Tris(2-Ethylhexyl) Phosporic Acid	10	10	0.951 to 31	NA	NA	NA	NA	10/10	0.95100	9.54210	31.00000
Xylene (Total)	173	6	0.00031 to 0.009	NA	NA	0/173	0.33	6/173	0.00031	0.00422	0.00900

[a] Values in square brackets indicate nondetected results.

[b] Value is the ratio of the number of detected values exceeding the 0.1 MSSL value to the number of analyses.

[c] MSSL value calculated from U.S. Environmental Protection Agency, Region 6, Human Health Medium-Specific Screening Levels (MSSLs) (June 1999, 64804.1) .

[d] Value is the ratio of the number of detected values exceeding the 0.3 ESL value to the number of analyses.

[e] ESL = ecological screening level taken from Los Alamos National Laboratory's ECORISK Database (LANL 1998, 85891.1).

[f] Value is the ratio of the number of detected values divided by the number of analyses.

Table 3

Frequency of Detected Radionuclides at MDA P

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater Than 0.1 PRG[b]	Percent Detects Greater Than 0.1 PRG	0.1 PRG[c] (pCi/g)	Frequency of Detects Greater Than 0.3 ESL[d]	Percent Detects Greater Than 0.3 ESL	0.3 ESL[e] (pCi/g)	Background Value (pCi/g)	Frequency of Detects Greater Than Background[f]	Percent Detects Greater Than Background	Frequency of Not-Detected Results Greater Than Background	Detected Miniumum Concen-tration (pCi/g)	Detected Mean Concen-tration (pCi/g)	Detected Maximum Concen-tration (pCi/g)	Not-Detected Minimum Reporting Level (pCi/g)	Not-Detected Maximum Reporting Level (pCi/g)
Americium-241	200	8	[-0.35] to 0.53	0/200	0	6.60	0/200	0	5.1	0.013	8/200	4	133/192	0.18	0.29	0.53	-0.35	0.28
Cesium-134	200	11	[-0.04] to 0.33	0/200	0	0.57	0/200	0	147	NA	11/200	5.5	NA	0.15	0.22	0.33	-0.04	0.33
Cesium-137	200	33	[-0.03] to 0.61	0/200	0	1.53	0/200	0	165	1.65	33/200	16.5	0/167	0.07	0.15	0.61	-0.03	0.20
Cobalt-60	200	1	[-0.05] to 0.36	1/200	0.5	0.33	0/200	0	123	NA	1/200	0.5	NA	0.36	0.36	0.36	-0.05	0.11
Europium-152	200	3	[-0.55] to 1.23	3/200	1.5	0.78	0/200	0	126	NA	3/200	1.5	NA	0.82	0.97	1.23	-0.55	0.65
Ruthenium-106	200	0	[-0.61 to 1.49]	0/200	0	3.90	0/200	0	0	NA	0/200	0	NA	0	-0	0	-0.61	1.49
Sodium-22	200	1	[-0.07 to 2]	0/200	0	0.39	0/200	0	300	NA	1/200	0.5	NA	0.13	0.13	0.13	-0.07	2
Uranium-234	103	86	[0.89] to 3.52	0/103	0	3.90	0/103	0	6	2.59	7/103	6.8	0/17	1.08	1.84	3.52	0.89	1.78
Uranium-235	303	7	[-0.45] to 3.08	1/303	0.33	3.00	0/303	0	6.3	0.2	7/303	2.3	56/296	0.31	1.30	3.08	-0.45	0.79
Uranium-238	103	97	[0.73] to 4.97	0/103	0	20.10	0/103	0	6.6	2.29	24/103	23.3	1/6	0.96	1.94	4.97	0.73	3.20

[a]Values in square brackets indicate nondetected results.

[b]Value is the ratio of the number of detected values exceeding the 0.1 PRG value to the number of analyses.

[c]PRG value calculated with the RESRAD code (Yu et al. 1993, 58695).

[d]Value is the ratio of the number of detected values exceeding the 0.3 ESL value to the number of analyses.

[e]ESL = ecological screening level taken Los Alamos National Laboratory's ECORISK Database (LANL1998, 85891.1).

[f]Value is the ratio of the number of detected values exceeding the background value/fallout value to the number of analyses.

Table 4

Radionuclide Results at MDA P

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Americium-241	371,372	0816-99-1368	0.03 (U)	0.013	6.60	5.10
Americium-241	371,372	0816-99-1370	0.02 (U)	0.013	6.60	5.10
Americium-241	371,372	0816-99-1374	0.04 (U)	0.013	6.60	5.10
Americium-241	452, 453, 488, 489	0816-00-1016	0.03 (U)	0.013	6.60	5.10
Americium-241	453, 454	0816-00-1017	0.03 (U)	0.013	6.60	5.10
Americium-241	453, 454	0816-00-1019	0.02 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1017	0.08 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1021	0.07 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1022	0.02 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1046	0.06 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1047	0.07 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1048	0.03 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1052	0.06 (U)	0.013	6.60	5.10
Americium-241	443,479	0816-99-1055	0.13 (U)	0.013	6.60	5.10
Americium-241	443,479	0816-99-1058	0.09 (U)	0.013	6.60	5.10
Americium-241	478	0816-99-1053	0.11 (U)	0.013	6.60	5.10
Americium-241	478, 479	0816-99-1096	0.02 (U)	0.013	6.60	5.10
Americium-241	478,480	0816-99-1060	0.1 (U)	0.013	6.60	5.10
Americium-241	478,480	0816-99-1064	0.08 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1005	0.02 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1006	0.06 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1007	0.02 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1010	0.06 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1026	0.03 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1027	0.13 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1028	0.04 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1030	0.04 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1031	0.04 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1035	0.09 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1059	0.08 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1071	0.15 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1089	0.04 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1090	0.28 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1092	0.14 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1133	0.06 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1134	0.02 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1135	0.05 (U)	0.013	6.60	5.10
Americium-241	514	0816-99-1150	0.05 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1182	0.16 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1183	0.05 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1184	0.08 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1185	0.15 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1323	0.09 (U)	0.013	6.60	5.10
Americium-241	514,515,551,557,558	0816-99-1320	0.05 (U)	0.013	6.60	5.10
Americium-241	514,515	0816-99-1076	0.03 (U)	0.013	6.60	5.10
Americium-241	514, 515, 516, 550, 551, 552	0816-99-1331	0.04 (U)	0.013	6.60	5.10
Americium-241	523, 559	0816-99-1355	0.03 (U)	0.013	6.60	5.10
Americium-241	523, 486, 487, 591, 592, 593	0816-99-1342	0.06 (U)	0.013	6.60	5.10
Americium-241	515	0816-99-1077	0.09 (U)	0.013	6.60	5.10

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Americium-241	515,516	0816-99-1075	0.03 (U)	0.013	6.60	5.10
Americium-241	516	0816-99-1082	0.05 (U)	0.013	6.60	5.10
Americium-241	516	0816-99-1083	0.03 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1321	0.1 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1322	0.09 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1324	0.04 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1325	0.02 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1326	0.04 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1329	0.18 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1330	0.02 (U)	0.013	6.60	5.10
Americium-241	518,517	0816-99-1068	0.1 (U)	0.013	6.60	5.10
Americium-241	518,517	0816-99-1070	0.12 (U)	0.013	6.60	5.10
Americium-241	518,517	0816-99-1072	0.15 (U)	0.013	6.60	5.10
Americium-241	522, 558	0816-99-1357	0.04 (U)	0.013	6.60	5.10
Americium-241	522, 558	0816-99-1358	0.06 (U)	0.013	6.60	5.10
Americium-241	550,551, 552,588 626, 373	0816-99-1361	0.03 (U)	0.013	6.60	5.10
Americium-241	550,551,552,588 626, 373	0816-99-1362	0.17 (U)	0.013	6.60	5.10
Americium-241	550, 551, 552,588 626, 373	0816-99-1365	0.02 (U)	0.013	6.60	5.10
Americium-241	552, 553, 589, 590, 558, 522	0816-99-1364	0.04 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1363	0.05 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1364	0.04 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1365	0.02 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1366	0.06 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1368	0.03 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1370	0.02 (U)	0.013	6.60	5.10
Americium-241	553	0816-99-1153	0.04 (U)	0.013	6.60	5.10
Americium-241	553	0816-99-1154	0.08 (U)	0.013	6.60	5.10
Americium-241	553, 554	0816-99-1105	0.03 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1103	0.1 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1111	0.05 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1113	0.05 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1115	0.02 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1117	0.07 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1126	0.11 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1128	0.02 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1129	0.03 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1130	0.13 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1155	0.13 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1168	0.07 (U)	0.013	6.60	5.10
Americium-241	554, 555, 590	0816-99-1169	0.07 (U)	0.013	6.60	5.10
Americium-241	554, 590	0816-99-1173	0.12 (U)	0.013	6.60	5.10
Americium-241	554, 555, 556,590, 555, 592	0816-99-1332	0.09 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1137	0.05 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1139	0.05 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1140	0.13 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1142	0.08 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1170	0.05 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1171	0.03 (U)	0.013	6.60	5.10
Americium-241	557, 593	0816-99-1172	0.07 (U)	0.013	6.60	5.10
Americium-241	557, 593	0816-99-1178	0.06 (U)	0.013	6.60	5.10
Americium-241	557, 593	0816-99-1179	0.03 (U)	0.013	6.60	5.10

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Americium-241	558, 486	0816-99-1147	0.05 (U)	0.013	6.60	5.10
Americium-241	588 626, 373	0816-99-1366	0.06 (U)	0.013	6.60	5.10
Americium-241	588 626, 373	0816-99-1373	0.06 (U)	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1405	0.25	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1407	0.18	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1408	0.08 (U)	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1409	0.04 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1378	0.02 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1379	0.04 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1381	0.04 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1383	0.24	0.013	6.60	5.10
Americium-241	591,592,593	0816-99-1340	0.03 (U)	0.013	6.60	5.10
Americium-241	591,592,593,557	0816-99-1333	0.04 (U)	0.013	6.60	5.10
Americium-241	591,592,593,557	0816-99-1337	0.02 (U)	0.013	6.60	5.10
Americium-241	591, 592, 593, 627, 628, 629	0816-99-1394	0.1 (U)	0.013	6.60	5.10
Americium-241	591, 592, 593, 627, 628, 629	0816-99-1395	0.02 (U)	0.013	6.60	5.10
Americium-241	591, 592, 593, 627, 628, 629	0816-99-1397	0.09 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1399	0.04 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1400	0.02 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1401	0.18 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1402	0.03 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1403	0.02 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1404	0.08 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1410	0.05 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1411	0.03 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1413	0.02 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1421	0.04 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-00-1001	0.15 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-00-1002	0.06 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1426	0.03 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1427	0.04 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1428	0.35	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1430	0.05 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1431	0.25	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1432	0.05 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1433	0.31	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1437	0.06 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1438	0.53	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1439	0.03 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1441	0.25	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1443	0.08 (U)	0.013	6.60	5.10
Cesium-134	588,589,624,625	0816-99-1405	0.24	NA	0.57	147.00
Cesium-134	589,590,626 374	0816-99-1383	0.16	NA	0.57	147.00
Cesium-134	591, 592, 593, 627, 628, 629	0816-99-1398	0.21	NA	0.57	147.00
Cesium-134	592,593,628,629	0816-99-1401	0.15	NA	0.57	147.00
Cesium-134	623,624,625,626	0816-99-1412	0.22	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-00-1000	0.21	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-00-1001	0.21	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-99-1433	0.33	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-99-1438	0.31	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-99-1441	0.27	NA	0.57	147.00

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Cesium-134	624,625,626;660,661,662,663	0816-99-1443	0.15	NA	0.57	147.00
Cobalt-60	592,593,628,629	0816-99-1401	0.36	NA	0.33	123.00
Europium-152	452, 453, 488, 489	0816-00-1016	0.86	NA	0.78	126.00
Europium-152	555	0816-99-1141	1.23	NA	0.78	126.00
Europium-152	555	0816-99-1142	0.82	NA	0.78	126.00
Sodium-22	480, 516	0816-99-1134	0.13	NA	0.39	300.00
Uranium-234	522, 558	0816-99-1357	2.68	2.59	3.90	6.00
Uranium-234	552,553,589,590	0816-99-1360	2.64	2.59	3.90	6.00
Uranium-234	552,553,589,590 626, 373	0816-99-1363	2.63	2.59	3.90	6.00
Uranium-234	589,590,626 374	0816-99-1381	3.52	2.59	3.90	6.00
Uranium-234	624,625,626;660,661,662,663	0816-00-1000	3.35	2.59	3.90	6.00
Uranium-234	624,625,626;660,661,662,663	0816-99-1441	2.83	2.59	3.90	6.00
Uranium-234	624,625,626;660,661,662,663	0816-99-1443	3.07	2.59	3.90	6.00
Uranium-235	453, 454	0816-00-1017	0.39 (U)	0.2	3.00	6.30
Uranium-235	443	0816-99-1021	0.29 (U)	0.2	3.00	6.30
Uranium-235	443	0816-99-1047	0.24 (U)	0.2	3.00	6.30
Uranium-235	450, 451	0816-00-1021	0.35 (U)	0.2	3.00	6.30
Uranium-235	450, 451	0816-00-1021	0.46 (U)	0.2	3.00	6.30
Uranium-235	488, 489, 490	0816-00-1005	0.85	0.2	3.00	6.30
Uranium-235	488, 489, 490	0816-00-1006	0.28 (U)	0.2	3.00	6.30
Uranium-235	488, 489, 490	0816-00-1007	0.23 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1026	0.22 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1034	0.27 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1036	0.33 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1059	0.33 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1071	0.23 (U)	0.2	3.00	6.30
Uranium-235	480	0816-99-1054	0.21 (U)	0.2	3.00	6.30
Uranium-235	514, 515, 551	0816-99-1182	0.25 (U)	0.2	3.00	6.30
Uranium-235	514, 515, 551	0816-99-1183	0.21 (U)	0.2	3.00	6.30
Uranium-235	514,515	0816-99-1076	0.23 (U)	0.2	3.00	6.30
Uranium-235	516, 551, 552	0816-99-1324	0.29 (U)	0.2	3.00	6.30
Uranium-235	522, 558	0816-99-1357	0.31	0.2	3.00	6.30
Uranium-235	522, 558	0816-99-1357	0.22 (U)	0.2	3.00	6.30
Uranium-235	550, 551, 552,588 626, 373	0816-99-1361	0.23 (U)	0.2	3.00	6.30
Uranium-235	550, 551, 552,588 626, 373	0816-99-1361	0.21 (U)	0.2	3.00	6.30
Uranium-235	550, 551, 552,588 626, 373	0816-99-1365	0.22 (U)	0.2	3.00	6.30
Uranium-235	552,4,589,590,558,522	0816-99-1364	0.23 (U)	0.2	3.00	6.30
Uranium-235	552,553,589,590 626, 373	0816-99-1363	0.27 (U)	0.2	3.00	6.30
Uranium-235	552,553,589,590 626, 373	0816-99-1364	0.23 (U)	0.2	3.00	6.30
Uranium-235	552,553,589,590 626, 373	0816-99-1365	0.22 (U)	0.2	3.00	6.30
Uranium-235	553	0816-99-1101	0.4 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1111	0.96	0.2	3.00	6.30
Uranium-235	554	0816-99-1117	0.46 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1119	0.29 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1126	0.22 (U;J-)	0.2	3.00	6.30
Uranium-235	554	0816-99-1128	0.24 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1156	0.26 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1168	0.27 (U)	0.2	3.00	6.30
Uranium-235	554, 555, 590	0816-99-1169	0.21 (U)	0.2	3.00	6.30
Uranium-235	555	0816-99-1137	0.25 (U)	0.2	3.00	6.30
Uranium-235	555	0816-99-1171	0.25 (U)	0.2	3.00	6.30

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Uranium-235	557, 593	0816-99-1172	0.53 (U)	0.2	3.00	6.30
Uranium-235	558, 486	0816-99-1149	0.23 (U)	0.2	3.00	6.30
Uranium-235	588,589,624,625	0816-99-1405	0.62	0.2	3.00	6.30
Uranium-235	588,589,624,625	0816-99-1407	0.21 (U)	0.2	3.00	6.30
Uranium-235	589,590,626 374	0816-99-1381	0.38 (U)	0.2	3.00	6.30
Uranium-235	589,590,626 374	0816-99-1382	0.46 (U)	0.2	3.00	6.30
Uranium-235	589,590,626 374	0816-99-1383	0.3 (U)	0.2	3.00	6.30
Uranium-235	591,592,593,557	0816-99-1337	0.26 (U)	0.2	3.00	6.30
Uranium-235	591, 592, 593, 627, 628, 629	0816-99-1396	0.25 (U)	0.2	3.00	6.30
Uranium-235	591, 592, 593, 627, 628, 629	0816-99-1397	0.21 (U)	0.2	3.00	6.30
Uranium-235	591, 592, 593, 627, 628, 629	0816-99-1398	0.22 (U)	0.2	3.00	6.30
Uranium-235	592,593,628,629	0816-99-1399	2.78	0.2	3.00	6.30
Uranium-235	592,593,628,629	0816-99-1401	0.24 (U)	0.2	3.00	6.30
Uranium-235	592,593,628,629	0816-99-1403	0.34 (U)	0.2	3.00	6.30
Uranium-235	623,624,625,626	0816-99-1410	0.58 (U)	0.2	3.00	6.30
Uranium-235	623,624,625,626	0816-99-1410	0.24 (U)	0.2	3.00	6.30
Uranium-235	623,624,625,626	0816-99-1421	0.24 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-00-1000	0.37 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1428	0.79 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1433	0.32 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1437	3.08	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1438	0.66 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1441	0.49	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1442	0.22 (J-;U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1443	0.38 (U)	0.2	3.00	6.30
Uranium-238	452, 453, 488, 489	0816-00-1014	3.2 (U)	2.29	20.10	6.60
Uranium-238	452, 453, 488, 489	0816-00-1016	2.73	2.29	20.10	6.60
Uranium-238	450, 451	0816-00-1020	2.5	2.29	20.10	6.60
Uranium-238	450, 451	0816-00-1021	2.37	2.29	20.10	6.60
Uranium-238	487, 488	0816-00-1012	3.68	2.29	20.10	6.60
Uranium-238	487, 488	0816-00-1013	2.98	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1005	3.57	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1006	4.97	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1007	3.64	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1010	2.6	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1011	2.95	2.29	20.10	6.60
Uranium-238	522, 558	0816-99-1357	3.67	2.29	20.10	6.60
Uranium-238	552,553,589,590 626, 373	0816-99-1363	3.03	2.29	20.10	6.60
Uranium-238	557, 593	0816-99-1179	2.32	2.29	20.10	6.60
Uranium-238	588,589,624,625	0816-99-1408	2.68	2.29	20.10	6.60
Uranium-238	588,589,624,625	0816-99-1409	2.47	2.29	20.10	6.60
Uranium-238	589,590,626 374	0816-99-1381	2.66	2.29	20.10	6.60
Uranium-238	592,593,628,629	0816-99-1403	2.83	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-00-1001	3.65	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-00-1002	2.85	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1430	2.44	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1433	2.42	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1437	2.48	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1441	2.44	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1443	3.55	2.29	20.10	6.60

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Date: April 26, 2001
Refer to: ER2001-0373

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
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SUBJECT: ADDITIONAL INFORMATION REGARDING MATERIAL DISPOSAL AREA (MDA)-P PHASE II CONFIRMATION SAMPLING

Dear Mr. Young:

Per our discussions on January 31, 2001 and April 9, 2001, regarding Phase II confirmation sampling for the MDA-P Closure project, the need for additional information or clarification on four issues were identified. These issues include, sampling for volatile organic compounds (VOCs), sampling for perchlorate, specific locations of surface samples and deviations that may be required by difficult terrain, and characterization of the fracture regime. Each of these issues is addressed in detail below. The MDA-P Phase II Sampling and Analysis Plan (SAP), submitted to the New Mexico Environment Department (NMED) in August 1999, includes confirmation sampling for Technical Area (TA)-16 387 Burn Pad Closure and the Potential Release Site (PRS) 16-016(c)-99 Voluntary Corrective Action. These locations are implicitly included in further references to the MDA-P SAP.

Sampling for Volatiles

As Phase I waste removal activity at MDA-P has been completed, there is every indication that VOCs will not be encountered during Phase II sampling. Most of the areas below the East and West Lobes of MDA-P and the TA-16 387 Burn Pad have been scraped to bedrock. Confirmation samples will be collected in the tuff layers underlying the site according to the SAP. It is not practical to sample this hard rock for VOCs as volatilization would occur during drilling and crushing, and passive, or *in-situ* samplers do not yield reliable data. For these reasons, LANL proposes to deviate from the MDA-P SAP by eliminating this sample suite.

Sampling for Perchlorate

Based on our meeting on April 9, 2001, analysis for perchlorate will be added to a subset of the sampling locations at MDA-P. Fifty percent of the confirmation sampling locations will be sampled at two depths (0 to 12 inches and 24 to 36 inches) for perchlorate. This will allow a higher degree of certainty that nature and extent of

perchlorate will be determined if detected. The rationale for the confirmation sampling locations for MDA-P is discussed in detail below.

Rationale for Selecting Phase II Sampling Locations

Phase II confirmatory sampling activities at MDA-P will be conducted to evaluate whether concentrations of residual contamination are within acceptable limits. Sufficient analytical data will be collected to assess potential risks to human health, the environment, and ensure that the closure performance standards have been achieved. In accordance with the SAP, confirmation samples will be collected from four distinct areas: 87 sample locations within the Closure Unit; 50 sample locations within the PRS Cluster; 30 sample locations within the Exclusion Zone; and 12 sample locations within the Investigation Area. These sample counts do not include samples that will be collected for quality control. The ratio for these samples is 10:1. Each of these areas contain more grid cells than will actually be sampled, therefore, grid cells identified for "center of the cell" sampling are selected using the following staged approach.

First, grid cells with post-excavation field screening results that appear to exceed proposed limits for RDX (16 ppm, Region VI MSSL as proposed in SAP) (4.4 ppm is the residential standard) and barium (2,000 ppm, conservative value proposed in SAP since Region VI MSSL is 10,000 ppm) (5400 ppm is residential standard) are given highest priority within the Closure Unit and PRS clusters.

Second, remaining sample requirements are fulfilled by the assignment of sample locations that provide uniform distribution and representation of the area.

Third, the ongoing field survey of grid coordinates indicates that significant health and safety concerns are associated with sampling at locations with > 30% slope conditions. If the grid center identified for sampling exhibits dangerous slope conditions, individual sampling locations may need to be offset to a location within the same grid cell, or a cell in close proximity. A map identified as *Figure 2.1, MDA-P Phase II Confirmatory Sampling Locations* is attached. It is anticipated that cells be sampled in the Closure Unit and the PRS Cluster, several off-set locations may be required. Off-sets are required, will be documented in the Final Report.

Fourth, confirmation samples will also be collected from 24 to 36 inch depth interval at 10 percent of the sample locations. These locations are selected randomly within the Closure Unit, PRS Cluster, East and West Exclusions Zones, and East and West Investigation Areas to provide uniform distribution. These locations are identified in Figure 2.1 attached.

Fifth, sample locations within the Exclusion Zone and Investigation Area are selected randomly, allowing for accessibility and uniform distribution.

Fracture Regime Characterization

In addition to the confirmatory sampling program, a limited investigation of the fracture regime beneath MDA-P will be conducted. The objectives of this investigation are to: 1) define the depth profile of any potential residual barium and RDX contaminants in t

bedrock; 2) define the hydraulic characteristics of the bedrock fracture regime; 3) define the relationship between the bedrock fracture regime and the stream in Canon de Valle; and 4) define the regional groundwater setting of MDA-P. Surface and borehole investigations at MDA-P will be conducted. The regional water level data from monitoring wells R-25 and CdV-R-15-3 will be correlated with the site-specific data from MDA-P. This type of investigation has proven effective at other DOE facilities with fracture-dominated hydraulic systems in the vadose zone. The characterization program will consist of the following elements.

First, a surface map of the fractures exposed in the bedrock during the excavation of MDA-P will be compiled. The objective will be to identify the location and distribution of fractures exposed at the surface. Over 100 feet of vertical relief currently exists that will yield a three-dimensional view of the spacing, orientation, and aperture of fractures beneath MDA-P. The information will be compiled on the latest topographic map prepared after excavation and the surveyed grid will provide location markers for the field effort.

Second, four boreholes will be drilled within the landfill area to determine the vertical extent of contamination with depth, if any. Three boreholes will be located beneath the upper footprint of the landfill area at surface fractures with identified residual contamination of RDX and barium. The three grids with the greatest potential for these conditions are 374, 486, and 489 beneath the western, middle, and eastern parts of the landfill, respectively. All are located on the upper bench that provides the relatively flat topography necessary to place the drill rig. These boreholes will be sampled for continuous core to approximately 33 foot depth (elevation approx. 7416 feet msl). The target depth represents the top of the densely welded zone of the Bandelier Tuff beneath the landfill. The core will be field screened at 5-foot intervals or at any obvious fractures for RDX and barium. At least 3 analytical samples will be collected from each borehole for laboratory analysis of total TCLP metals, semi-volatile organics, and high explosives. One sample will be collected from the near surface and 2 samples from depth to demonstrate depth of contamination. After sufficient time for any vapors resulting from drilling have dissipated, a gas sample will be collected in each bore hole and analyzed for volatiles.

The fourth borehole in this group will be located at the toe of the former landfill along the line of grids 661 to 667. The objective will be to identify any residual contamination that may have accumulated downslope. The actual location will be determined from field conditions. This boring will be sampled for continuous core to approximately 25 foot depth (elevation approx. 7335 feet msl). The target depth represents the elevation of the stream in Canon de Valle. The core will be field screened at five-foot intervals for RDX and barium and at any obvious fractures. At least 3 analytical samples will be collected from each borehole for laboratory analysis of total TCLP metals, semivolatile organics, and high explosives. A gas sample will also be collected in this borehole as described above.

Third, two boreholes will be drilled adjacent to the landfill to determine the physical properties of the fracture regime. These boreholes will be located in or near grids 332, and 275 on the western and eastern margins of the landfill, respectively. These grids are believed to exhibit background concentrations of the contaminants at MDA-P and

possess the topography necessary to place the drill rig, and the elevation necessary to conduct the measurements. These boreholes will be sampled for continuous core to approximately 180 foot depth (elevation approx. 7270 feet msl). The target depth is approximately 60 feet below the Canon de Valle stream at the base of the landfill, and is within the moderately welded Unit 2 of the Bandelier Tuff.

After completion of drilling of the 2 deep boreholes, a suite of geophysical logs will be obtained including optical and acoustic imaging, natural gamma, neutron, caliper, resistivity, and a heat pulse flowmeter. The objectives are to define moisture and fracture zones within the rock; and, and then stress the system by the introduction of a false hydraulic head, i.e., pressure, and measure the response of the system. The heat pulse flowmeter in particular was designed to measure low-volume flows in fracture systems. Optical and acoustic imaging logs will provide physical and characteristic images of the boreholes with depth. The neutron and resistivity logs are designed to identify moist and dry zones. The boreholes will be located in adjacent areas to avoid the potential for driving contaminants with the water necessary to conduct the measurements.

Falling Head Hydraulic tests will be performed in the 2 deep and 4 shallow boreholes. These will provide direct measurements of the bulk permeability of the bedrock. Depending on the characteristics observed, water levels may or may not stabilize within the holes.

All of the boreholes will be filled with bentonite grout to the surface and the locations surveyed within the New Mexico State Plane coordinate system.

Upon completion of the field efforts the geophysical logs will be correlated with the core logs, e.g., identified fractures, and contaminant profiles to produce a three-dimensional, physical model of MDA-P. This conceptual model will consist of an envelope around and beneath MDA-P characterized by site-specific data. The model will be interpreted within regional groundwater context by correlation with existing monitoring wells R-25 and CdV-15-3. The regional water table is observed at elevation 6230 feet msl, over 1200 feet below MDA-P. The model will also be interpreted within surface water context by correlation with existing Canon de Valle studies.

Sincerely,

Julie A. Canepa, Program Manager
Environmental Restoration Project
Los Alamos National Laboratory

Sincerely,

Theodore J. Taylor, Project Manager
Department of Energy
Los Alamos Area Office

JC/TT/NR/ev

Enclosure: Figure 2.1 MDA-P Phase II Confirmatory Sampling Locations

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M. Kirsch, E/ER, MS M992
W. Neff, E/ET, MS M992
D. Neleigh, US EPA (2 copies)
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T. Taylor, LAAO, MS A316
H. Wheeler-Benson, E/ER, MS M992
L. Woodworth, LAAO, MS A316
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M. Leavitt, NMED-GWQB
J. Kieling, NMED-HWB
V. Maranville, NMED-HWB
J. Parker, NMED-DOE OB
S. Yanicak, NMED-DOE OB
J. Young, NMED-HWB (2 co
E/ER File, MS M992
RPF, MS M707

Thought you might need this. John, Your's gone to me. LEE

Cy (w/o enc.):
K. Bostick, EES-10, MS M992
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Date: August 2, 2001
Refer to: ER2001-0644

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

SUBJECT: DEVIATION FROM MATERIAL DISPOSAL AREA(MDA)-P SAMPLING AND ANALYSIS PLAN(SAP)

Dear Mr. Young:

On July 13, 2001 Bill Criswell, Roy F. Weston, Inc. Project Manager, and I met with Vickie Maranville to propose the deviations discussed below to the approved MDA-P Sampling and Analysis Plan. These changes to the SAP are necessary to accommodate field conditions. On July 23, 2001, Ms Maranville approved continued Phase II confirmation sampling as discussed. This letter is a formal notification documenting these changes.

- The quality control (QC) samples will be collected at a ratio of 1 to 10 field samples. The locations of the QC samples have been pre-selected to attempt to obtain positive results. The locations are chosen on the basis of existing field screening results obtained after completion of excavation.
- The locations of field samples will be locally adjusted from grid centers to coincide with drainages and low spots that may have concentrated contaminants.
- The core hole planned for bedrock at the toe of the landfill will not be drilled. After excavation it is apparent that the exposed toe of the landfill consists of terrace associated with the Cañon de Valle streambed. This terrace contains cobble and talus rock debris in a sandy matrix. The exposed bedrock topography on the lower slopes does not allow the placement of a drill rig.
- Sampling along the exposed toe of the landfill will consist of four exploratory pits in the terrace materials. Two samples will be collected in each pit, one from the near surface and one from above the water table. The sampling parameters will be consistent with the approved SAP. These samples will be collected with the objective to demonstrate that no contaminants have migrated from the landfill.
- The core hole planned for the former west lobe of the landfill will not be drilled. After completion of excavation it is apparent that there were no hazardous wastes associated with this area of the landfill and little potential for residual contaminants.

- The two remaining planned core holes will be drilled at grids 526 and 557. These are grids that existing field screening data indicate may have the highest residual contaminant concentrations from the landfill. There is topographic indication that these cells are in locations where pre-landfill stream channels may have concentrated contaminants.
- To compensate for the 2 core holes eliminated, these 2 will be drilled to depths approximately 10-feet below the elevation of the Cañon de Valle stream channel (~60 feet each).
- We had planned to collect an air sample for volatile organic compounds (VOCs) in each of the 4 core holes. In lieu of the samples planned for the 2 core holes eliminated, additional VOC samples will be collected in the 2 core holes at grids 526 and 557. Two samples from 2 depths will be collected from each. An atmospheric blank will also be collected at each location.

If you have any questions or concerns please feel free to give me a call at (505) 667-0326.

Sincerely,

Kenneth V. Bostick

Kenneth V. Bostick
MDA-P Closure Team Leader
Environmental Restoration Project

JC/KB/TH/vn

Cy :
J. Canepa, E/ER, MS M992
M. Kirsch, E/ER, MS M992
D. McInroy, E/ER, MS M992
D. Neleigh, US EPA (2 copies)
M. Johansen, LAAO, MS A316
G. Turner, LAAO, MS A316
J. Bearzi, NMED-HWB
J. Kieling, NMED-HWB
J. Davis, NMED-SWQB
M. Leavitt, NMED-GWQB
J. Parker, NMED-DOE OB
S. Yanicak, NMED-DOE OB, MS J993
E/ER File, MS M992
~~RPE, MS M707~~

Data Quality Assessment of MDA-P Data
August, 2001
Karen Schultz Paige, ER Chemist and Data Validator

Although the MDA-P project has involved several years of data collection, this report will only be examining data collected after August 9, 2000 beginning with request number 7262R. After this date, all data in the ER Project went through a routine validation screening, the results of which form the basis of this data quality assessment. This report covers data up to and including sample 0816-0002, collected January 3, 2001, and request numbers up to and including 8182R. This report is organized on the basis of analytical suite. Some analytical suites are or were considered non-standard and therefore did not get any validation. This includes PETN prior to September 2000, pH, and asbestos. These data are not assessed for data quality in this report.

Dioxins: Twenty-six requests for 42 samples were analyzed for dioxins. In several dioxin analyses, the validator determined that detected results should be qualified as undetected because they were within the scope of the noise on the chromatogram. In one request for 3 samples, detected analytes were J-qualified because the required ion abundance was not met. In one request, a few analytes were UJ-qualified because an internal standard was outside the acceptable range. All remaining samples had no quality issues associated with them. In general the dioxin results had very few data quality issues associated with them.

Herbicides: Twenty-six requests for 42 samples were analyzed for herbicides. Six requests for 11 samples had no quality issues associated with them. Three requests for 5 samples had all sample results rejected because holding times were exceeded. Several requests had all analytical results rejected due to problems during analysis, which the laboratory attempted to correct with re-extraction and reanalysis. Six requests for 9 samples had either the original run or re-extracted run rejected while the remaining run had all data UJ-qualified due to surrogate or spike problems or analysis outside of holding times. In 3 requests for 3 samples, only one analyte was rejected due to a very low LCS recovery. Otherwise, a few analytes in the remaining requests were qualified due to poor matrix spike recovery or LCS recovery, poor response in the calibration standards, or discrepancies between the primary and secondary column. Other than the rejected data, there were few data quality issues associated with the herbicide data.

High Explosives (including PETN results after September 2000): Forty requests for 169 samples were analyzed for HE and PETN. Thirteen PETN requests were not validated because they were collected prior to September 2000. Because samples from MDA-P frequently had high concentrations of HE, the samples sometimes required dilution, which makes surrogate recovery impossible. However, no qualifiers were applied to the data because of this. There were 25 requests for 80 samples total that had no data quality issues associated with them. Most qualifiers were applied to the data due to low LCS recovery of one analyte in the suite. Data for one analyte in a request of 7 samples was rejected because the LCS recovery was very low. Otherwise, results for at least one analyte were qualified J- or UJ, depending upon whether they were detected or not, in 76 samples associated with 13 requests. A few remaining samples were qualified due to high surrogate recovery, high LCS recovery, or in one case an analyte was qualified as undetected due to faulty confirmation results. Overall, the HE results had few data quality issues associated with them.

PCBs: Twenty-six requests for 42 samples were analyzed for PCBs. One analyte in one sample in one request was qualified as estimated because it was analyzed outside the acceptable hold time. In 2 requests for 2 samples there was a mistake made by the lab affecting the LCS results so the data were UJ-qualified. In one request detected results for one sample were qualified J+ because of high surrogate recovery. In four requests for 4 samples results were qualified as UJ for non-detected analytes and J- for detected analytes due to low surrogate recovery, including one case where the CCV results were also low and the samples were analyzed outside of the holding time. In one request for one sample one analyte was J-qualified because the internal standard failed. All remaining samples had no quality issues associated with them. Overall there were very few data quality issues associated with the PCB data.

Pesticides: Twenty-five requests for 41 samples were analyzed for pesticides. Eight requests for 14 samples had no quality issues associated with them. Four requests for 5 samples had some or all results qualified

due to interferences from poor cleanup by the analytical laboratory. Seven requests for 11 samples had results qualified due to low LCS recoveries, although this only affected a few analytes in 5 of the 7 requests, all analytes in 2 of the 7 requests. One request had all results qualified due to poor calibration results. Four requests for 5 samples had results qualified as UJ or J- because surrogate recovery was low, including one case where the CCV results were also low and the samples were analyzed outside of the holding time. One request for 2 samples had results qualified as UJ or J- because the associated blank broke before analysis. No pesticide results were rejected although many of the results were qualified.

Semi-Volatile Organic Compounds: Twenty-eight requests for 160 samples were analyzed SVOCs. Only 8 requests for 44 samples had no data quality problems. The most common data quality issue was data qualification due to the calibration being out of range for one or more analyte. This affected 19 requests for 113 samples. Within that group of samples, several samples were also qualified because of high or low surrogate recovery or internal standards that were outside the acceptable range. Only 5 request numbers of the 28 total had any samples that showed potential laboratory contamination of bis (2-ethylhexyl) phthalate. One request number had bis (2-ethylhexyl) phthalate in the samples but there was no evidence from the laboratory blanks that it was due to laboratory contamination. One sample was rejected because of extremely poor LCS recovery. There were few major data quality issues associated with the SVOC data although much of the data was qualified.

Volatile Organic Compounds: Twenty-eight requests for 160 samples were analyzed for VOCs. Only a few samples had no quality issues associated with them. There was little evidence of common laboratory contaminants in the samples. Only 4 requests with 33 samples had evidence of laboratory contamination of acetone, 2-butanone, carbon disulfide, and methylene chloride, all of which were qualified as undetected due to contamination. In 21 requests for 125 samples, almost all of the samples had at least one analyte qualified because the calibration was not acceptable for this one analyte. In most cases the analyte was undetected. In 23 requests several samples had problems with the internal standard response or retention time, causing the analytical results to be qualified. In 10 requests almost all of the samples required qualification because these samples had surrogate recoveries that were outside of the acceptable range. Several samples in 5 requests had problems with the calibration, surrogate recovery, and the internal standards, requiring that the analytical results be qualified. One analyte was rejected in 20 samples from 3 requests because the calibration for this analyte was so poor. Acetone and/or 2-butanone were rejected in 33 samples from 6 requests because the response factor was low, indicating that the instrument might not be able to detect these analytes properly. Almost all the 160 samples had some qualified analytes, although there were few major quality issues associated with the whole VOC data set and most of the qualified results were not detected.

Inorganics: Thirty requests for 167 samples were analyzed for TCLP metals. Ten requests for 54 samples had no data quality issues associated with them although in almost all cases the duplicate results used during validation were from duplicate samples not associated with the given request. This had no impact on the data quality. In 6 requests for 29 samples some or all of the analytes were PM-qualified because the QC samples used during validation were from samples not associated with the given request. However, for almost half of the results, the QC samples were from other MDA-P requests, which minimizes any effect on the data quality. The 9 most current requests for 53 samples had some evidence of laboratory contamination in the samples. The analytes involved were lead, mercury, selenium, aluminum, zinc, arsenic, and barium and these were qualified as undetected if they were found to be present due to laboratory contamination. Eight of the 53 samples also had problems with the matrix spike recovery of some analytes, mostly barium and mercury, which caused the results to be further qualified. Overall, problems with the matrix spike recovery affected 33 samples in 7 requests. Antimony results in one request with 6 samples were qualified due to high LCS recovery. No results were rejected. The TCLP metals data set overall has few significant data quality issues.

Reactive Cyanide and Sulfide: Twenty-six requests for 40 samples were analyzed for reactive cyanide and sulfide. Two requests with 3 samples had no quality issues associated with the cyanide results. Analytical results for cyanide in 13 requests with 17 samples were qualified due to low LCS results. All remaining cyanide results were rejected due to very low LCS recovery. Six requests for 8 samples had no quality issues associated with the sulfide results. In 3 requests for 6 samples sulfide results were qualified as J+

because of the presence of contamination in the blank. The remaining 17 sulfide requests for 26 samples were qualified as UJ for non-detected results and J- for detected results due to low LCS recovery. The cyanide results were strongly affected by data quality issues, with half the data being rejected. The sulfide results were less affected by data quality issues.

Isotopic Uranium: Twenty-seven requests for 158 samples were analyzed for isotopic uranium. Seventeen requests for 107 samples had no quality issues associated with them. In 4 requests for 25 samples only U-235 was qualified J- for detected results and UJ for non-detected results because the LCS recovery for U-235 was low. Three requests for 14 samples were qualified J+ because the LCS recovery was high and in one request for one sample only U-235 was qualified J+ because the LCS recovery for U-235 was high. Analytical results for U-235 in six samples in one request were rejected because the sample results greatly differed from the duplicate results. One request with 5 samples showed evidence of laboratory contamination and therefore results were qualified as undetected. Overall the isotopic uranium results had few major data quality issues.

Other Radionuclides: No quality issues were reported in the 27 requests for 158 samples analyzed by gamma spectroscopy.

MDA-P PHASE I FINAL CLOSURE CERTIFICATION REPORT

SAMPLING AND ANALYSIS

D R A F T

The Materials Disposal Area (MDA)-P Phase I sampling strategy was based on a combination of systematic and judgmental sampling. The Environmental Protection Agency (EPA) recommends systematic sampling when a population distribution is random or contains modest stratification (EPA 1992).

Phase I sampling (i.e., waste characterization) conducted during the removal of the waste pile was designed to characterize soil, tuff, debris (concrete/metal), containers of unknown content, storm water, decon water, rinsate water and any other free liquids to ensure the proper disposition of the excavated waste. Sampling was also conducted to satisfy the most stringent waste acceptance criteria of the respective receiving disposal facilities. Additionally, field screening (radiological and metals [XRF]), visual inspections and spot testing for High Explosives (HE) were employed to ensure safe waste pile removal/handling, sample management/staging and ultimate disposal.

A total of over 500 samples (soil, soil/tuff, water, concrete) were collected during MDA-P Phase I investigations.

SOIL, SOIL/TUFF AND CONCRETE

One composite sample was collected from each 100 cubic yard lot of waste soil, soil/tuff and concrete. Each composite sample consisted of homogenized grab samples collected from a minimum of 10 locations within each lot. Sufficient sample material was collected from each grab sample to ensure adequate sample volume for the prescribed analyses. A larger number of grab samples (i.e., >10) could result in excessive dilution of contaminant concentrations. Grab samples were collected from waste material that exhibited discoloration, elevated moisture content, elevated field screening results or other evidence of potential contamination. Grab samples were also collected from throughout the respective 100 cubic yard lots to insure adequate distribution and representation of waste material and to provide data that are representative and of sufficient quality. The number of samples was also chosen to satisfy storage, disposal and characterization requirements based upon best professional judgment concerning the heterogeneity of the waste piles. By employing systematic composite sampling combined with a judgment-based sampling regimen, the waste was effectively segregated into and managed as unique and different waste streams.

All samples were collected according to Environmental Restoration (ER) Standard Operating Procedures (SOPs) employing discrete clean stainless steel sampling equipment (i.e., bowls, scoops, pails, etc.) per sample location and sampling event. Sample material was submitted to the Sample

Management Office (SMO) and ER certified external contract laboratories for analyses referenced in Table 4-2, page 4-17 of the Material Disposal Area P Closure Plan, Revision 0, February, 1995 and identified under EPA SW 846.

DEBRIS

In accordance with 20 NMAC 4.1, Section 268.2(g), debris is defined as solid material exceeding a 60 mm particle size that is intended for disposal and that is a manufactured object, plant or animal matter or natural geologic material. In addition, hazardous debris is defined as debris that contains a hazardous waste listed in 40 CFR Part 261, Subpart D or that exhibits a characteristic or hazardous waste identified in 40 CFR Part 261, Subpart C.

The excavated debris extracted from MDA-P consisted primarily of pieces of high explosives, metal, concrete, wood, asbestos, glass, plastic, containers of unknown content and several classified objects. Initially, excavated debris other than concrete was not sampled directly rather characterized by analyzing rinsate liquid collected after undergoing decontamination via high pressure water spray. Subequently, sampling methodologies identified under the Treatment Standards for Debris (40 CFR 268.45) were employed. This standard identifies debris that undergoes a physical extraction technology such as high pressure steam and water sprays, has met the performance standard if treatment to a clean debris surface. Prior to sampling, all debris was further subjected to an HE spot test and radiological screening and/or swipe to assess effectiveness of decontamination.

STORM, DECONTAMINATION AND RINSATE WATER

Waste waters were generated as storm, decontamination and rinsate waters. Storm water was associated and collected as runoff in three lined and bermed interceptor trenches. One interceptor trench was located mid-level at the east end of the landfill. The other two interceptor trenches were located at the toe and at the east and west ends of the landfill. Water collected in the interceptor trenches was pumpe and stored in discrete 10,000 gallon capacity Baker Tanks dedicated to each respective trench. Water was then sampled from each Baker Tank and analyzed according to Table 4-2, page 4-17 of the Materia Disposal Area P Closure Plan, Revision 0, February, 1995.

Water collected in these trenches was sampled and upon analytical assessment, used for dust suppression purposes or disposed of at the TA-16 High Explosives Waste Treatment Facility (HEWTF)

Rinsate and decontamination water was used in decontamination of debris excavated from the site. Water generated from these operations was collected and stored in 20,000 gallon capacity Fractanation Tanks. Water was also sampled directly from each Fractanation Tank and analyzed according to Table 4-2, page 4-17 of the Material Disposal Area P Closure Plan, Revision 0, February, 1995. Water analyses were then evaluated and decisions made regarding use for dust suppression or disposal at TA-16, HEWTF.

Reapplication of waste water for purposes of dust suppression had to satisfy certain criteria. Waste wate had to exhibit high explosives quantities < 1% and Ba levels < 100 mg/l.

Waste water disposed of at the TA-16, HEWTF also had to meet certain criteria. Waste water had to exhibit high explosive contamination and Ba levels < 1.2 mg/l. Sediments deposited in these tanks and associated with these waste waters were also sampled according to Table 4-2, page 4-17 of the MDA-P Closure Plan, Revision 0, February, 1995 and disposed of according to waste disposal facilities waste acceptance criterion.

Waste waters collected and stored in Fractanation Tanks were filtered with a 5 micron carbon filter to meet TA-16, HEWTF Waste Acceptance Criteria (WAC). If the contaminants had National Pollutant Discharge Elimination System (NPDES) permit limits or Resource Conservation and Recovery Act (RCRA) Universal Treatment Standards (UTS), that limit was used in the WAC.

FREE LIQUID AND CONTAINERS OF LIQUID/UNKNOWN CONTENT

During the course of excavation, free liquids were found in pockets of debris or various types of glass, metal and plastic containers hereby classified as containers of unknown content. The contents of these containers (840 total) can best be characterized as being solid, liquid and/or powder. These containers were carefully removed from the landfill proper and placed in a posted interim segregation area identified as the container of unknown contents staging area and sampled at a later date. Preliminary sampling included HE, radiological and HAZCAT analyses. Sample material warranting additional analyses were sent to an external analytical contract laboratory (Assaigai) for more defintive determinations.

ANALYTICAL METHODS

All waste streams were characterized for regulated constituents identified in the Technical Area 16 Material Disposal Area P Closure Plan, Revision 0, February, 1995. The analytical methods and numbe of samples collected during Phase I clean closure activities are identified in Table 4-2, page 4-17 Summary of Samples and Analyses. The analytical methods (EPA SW 846) were selected to include all potential contaminants of concern (PCOCs) anticipated within the landfill and to satisfy the most stringent waste acceptance criteria of off-site receiving waste disposal facilities. The analytes sampled for and required by the off-site disposal facilities included TCLP Metals, VOCs, SVOCs, Organochlorine Pesticides, PCBs, Chlorinated Herbicides, Reactive Cyanide, Reactive Sulfide, pH, Asbestos, High Explosives, Dioxin, Gamma Spectroscopy and Isotopic Uranium.

During Phase I investigations, all 100 cubic yard waste piles were analyzed for TCLP Metals, VOCs, SVOCs, HE including PETN, Radionuclides (Isotopic U, Gamma Spectroscopy) and asbestos. Only one-fourth (i.e., every fourth 100 cubic yard waste pile) of the soil/tuff samples were submitted and analyzed for Reactive Cyanide, Reactive Sulfide, Organochlorine Pesticides, PCBs, Dioxin, Chlorinatec

Herbicides and pH. This sampling regimen was dictated based upon analytes not expected to be present within the landfill and included primarily to satisfy the waste acceptance criteria.

During Phase I investigations, all debris rinsate water samples, decontamination water samples, storm water samples and free liquid samples were also submitted and analyzed for numerous Ground Water, Domestic Water Supply, and Phase I analytes including but not limited to TC Metals (Total Analyses), VOCs, SVOCs, Total Cyanide, HE including PETN, Radionuclides (Total U, Ra-226, Ra-228, Gamma Spectroscopy, Gross Alpha/Beta), Nitrates, Sulfates, Total Dissolved Solids, Polyaromatic Hydrocarbons (Total Naphthalene, Monoethylnaphthalenes, Benzo-a-pyrene) Asbestos, Organochlorine Pesticides, PCBs, Dioxin, Chlorinated Herbicides, and pH. Perchlorate analysis in rinsate and decontamination water samples was added late in the project.

SAMPLING RECORDS

All original sampling records generated during MDA-P Phase I Clean Closure activities will be forwarded to and archived in the Environmental Restoration (ER) Records Processing Facility (RPF) upon completion of the project.

Table 4-2 Summary of Samples and Analyses

Analysis (EPA SW-846 Method except where otherwise noted)	Metals 6020(a) 1311(a)	Volatile Organics 8240A (b)	Semi-volatile Organics 3520A, 3540A/ 8270A (c)	Reactive Cyanide/ Sulfide 9010A, 9030A (d) (k)	Total Cyanide 9011/ 9010A 9012A (e)	High Explosives 8330	Gamma Spectro-scopy	Gross Alpha 9310 (f)	Gross Beta 9310 (f)	Asbestos NIOSH Method 7400 (g)	Organo-chlorine Pesticides and PCBs 8080A (g) (f)	Chlorinated Herbicides 8150B (g) (f)	pH 9040	Dioxin 8280 (g)
Phase 1 Number of Samples														
Background Soil and Tuff (h)	20	0	20	0	0	0	20	20	20	0	0	0	0	
Baseline Soil (Staging Area)	10	10	10	0	10	10	10	10	10	10	10	10	10	10
Waste Pile Soil/Tuff	300	300	300	75	0	300	300	300	300	300	75	75	75	75
Rinsate Water	300	300	300	0	300	300	300	300	300	300	75	75	75	75
Duplicate (i)	47	46	47	4	31	46	47	47	47	46	12	12	12	12
Rinsate Blank (j)	47	46	47	4	31	46	47	47	47	46	12	12	12	12
Matrix Spike (k)	32	31	32	4	16	31	32	32	32	30	8	8	8	8
Total Samples, Phase 1	756	733	733	87	388	733	758	758	758	732	182	182	182	182
Phase 2 Number of Samples (m)														
Soil/Tuff	170	170	170	0	170	170	170	170	170	170	170	170	0	170
Post-closure Baseline Soil (Staging Area)	10	10	10	0	10	10	10	10	10	10	10	10	0	10
Duplicate (i)	9	9	9	0	9	9	9	9	9	9	9	9	0	9
Rinsate Blank (j)	9	9	9	0	9	9	9	9	9	9	9	9	0	9
Matrix Spike (k)	9	9	9	0	9	9	9	9	9	9	9	9	0	9
Total Samples, Phase 2	207	207	207	0	207	207	207	207	207	207	207	207	0	207

(a) Method 3005A and 3050A is digestion for water and soil, 6020 is the analytical method for most total metals. Method 7740 is the analytical method for total selenium. Methods 7470 and 7471 are the analytical methods for total mercury. Other methods may also be used(Method 6010A and 7000A series methods) as described in Section 4.6.1. Method 1311 is the TCLP method.

(b) Method 8260 may be substituted for 8240A.

(c) Method 3520A and 3540A are extraction methods for water and soil, 8270A is the analytical method.

(d) Determination of reactive cyanide is described in SW 846, Chapter 7, Section 7.3.3. This determination includes portions of Method 9010A. Determination of reactive sulfide is described in Section 7.3.4. This determination includes portions of Method 9030A.

(e) Method 9011 is digestion of soil for cyanide analyses. Methods 9010A and 9012A are the analytical methods for cyanide.

(f) Method 9310 is for water samples. Soil samples will be measured using calibrated field instruments.

(g) Analyses for asbestos, organochlorine pesticides and PCB, dioxin, and chlorinated herbicides will be performed in Phase 2 only if they are detected in the Phase 1 sampling.

(h) The number of background samples will be identified in the Background Sampling Plan that will be submitted separately.

(i) Duplicates will be collected at a frequency of one per 20 soil or tuff samples, and one per 10 water samples.

(j) Equipment rinsate blanks will be collected at a frequency of one per 20 soil or tuff samples, and one per 10 water samples.

(k) Matrix spike samples will be collected at a frequency of one per sample delivery group per matrix, with a maximum of 20 samples per delivery group.

(l) For soil/tuff samples will be taken from every fourth 100 yd^3 batch of waste that is to be deposited.

(m) The number of samples is estimated based on the number of sample grids within the proposed waste pile project boundary. After the waste pile boundary is surveyed, the number of grids will be totalled and the number of samples will be revised if necessary.

ENVIRONMENTAL RESTORATION PROJECT

Los Alamos National Laboratory/University of California
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Environmental Restoration (ER) Project, MS M992
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U.S. Department of Energy
Los Alamos Area Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
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Date: December 20, 2001
Refer to: ER2001-1048

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

SUBJECT: SUBMITTAL OF CLASS 1 CLOSURE PLAN MODIFICATION FOR MDA-P

Dear Mr. Young:

The purpose of this letter is to submit a Class 1 modification of the previously approved Closure Plan for MDA-P. This modification responds to the Hazardous Waste Bureau's request that the Closure Plan be amended to include an updated waste volume and schedule change.

This modification is being submitted pursuant to Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1, Section 600 [40 CFR 265.112(c)(4)] within 60 days of the verbal request from HWB (October 29, 2001). LANL recognizes that MDA-P is included in Module VIII of our Hazardous Waste Facility Permit as a Solid Waste Management Unit (potential release site 16-018). Once MDA-P meets the closure performance standards and closure certification is complete, a Class III permit modification will be submitted to remove PRS 16-018 from the permit.

Enclosed please find two hard copies and one disk copy in Microsoft Word, which includes a redline strikeout version for ease of review. The replacement pages for the MDA-P Closure Plan Modification correct typographical errors from the previous modification, change the closure schedule, and includes a change in the estimated

volume of waste to be generated as part of closure. If you have any questions regarding this matter, please call Dave McInroy at (505) 667-0819 or Mat Johansen at (505) 665-5046.

Sincerely,

Julie A. Canepa, Program Manager
Environmental Restoration Project
Los Alamos National Laboratory

Sincerely,

FOR

Mat Johansen, Project Manager
Department of Energy
Los Alamos Area Office

JC/MJ/nr

Enclosures: Certification
Closure Plan Amendment, MDA-P Replacement Pages

Cy (w/enc)
K. Bostick, EES-15, MS M992
B. Criswell, Roy F Weston, MS M992
S. Den-Baars, The IT Group, MS K490
J. Ellvinger, ESH-19, MS K490
R. Romero, ESH-19, MS K490
S. Veenis, ESH-18, MS M992
E. Louderbough, LC-GL, MS A187
D. Neleigh, US EPA (2 copies)
N. Riebe, E/ER, MS M992
W. Woodworth, DOE/LAAO, MS A316
M. Johansen, LAAO, MS A316
D. Hickmott, EES-1, MS D462
B. Osheim, LAAO, MS A316
J. Davis, NMED-HWB
G. Saums, NMED-SWQB
S. Yanicak, NMED-DOE OB, MS J993
RPF, MS M707

Cy (w/o enc):
J. Canepa, E/ER, MS M992
J. Bearzi, NMED-HWB
W. Neff, E/ER, MS M992
D. McInroy, E/ER, MS M992
J. Parker, NMED-OB
M. Kirsch, E/ER, M992
IM-5, MS A150
E/ER File, MS M992

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Document Title: *"Closure Plan Amendment MDA-P Replacement Pages"*

Name: Julie A. Canepa Date: 12/20/01

Julie A. Canepa, Program Manager
Los Alamos National Laboratory
Environmental Restoration Project

or

Michael P. Baker, Acting Division Director
Los Alamos National Laboratory
Environmental Science & Waste Technology

Name: Gene Turner Date: 12/20/01

FOR Mat Johansen, Project Manager
Environmental Restoration Program
DOE-Los Alamos Area Office

or

Joseph Vozella, Assistant Area Manager
of Environmental Projects
Environment, Safety, and Health Branch
DOE-Los Alamos Area Office

CLOSURE PLAN AMENDMENT
MDA P REPLACEMENT PAGES

accordance with EPA guidance (EPA, 1991a). Appendix C contains photographs of the waste pile and run-on control trench. Appendix D describes vadose-zone observations from 1998 at MDA-P. Appendix E provides historical records associated with TA-16 and MDA-P. Appendix F describes the composition of explosives produced at the Laboratory. Appendix G describes sampling procedures for MDA-P closure. Appendix H presents an evaluation of the 20 NMAC 4.1 Section 261, Appendix VIII (Appendix VIII) hazardous constituents for selection of analytical methods. Appendix I provides site-specific standard operating procedures. Appendix J describes the site geology and hydrology at TA-16, Area P

Compliance with specific regulatory requirements for closure are addressed in Chapter 6.0. The 20 NMAC 4.1 have incorporated, with a few minor exceptions, the Code of Federal Regulations (CFR) Title 40, Parts 260 to 266 and 268 to 270 through July 1, 1993. Most regulatory citations in this closure will, therefore, be referenced to 20 NMAC 4.1. Table 1-1 lists the regulations applicable for closure of waste piles and identifies which sections of Chapter 6.0 address compliance with these regulations.

1.1 Closure Strategy

In the past, the disposal site at Area P was referred to as a landfill. However, RCRA regulations do not explicitly provide a clean-closure option for landfills. The U.S. Environmental Protection Agency (EPA) has addressed this problem by issuing guidance that allows a landfill, if clean closed under 40 CFR 265 standards, to make an equivalency demonstration under 40 CFR Section 270.1(c)(5),(6), by redefining the landfill as a waste pile (Lowrance 1989). Therefore, to clean close this unit and make an equivalency demonstration as described above, the Laboratory is referring to the MDA-P landfill as the MDA-P waste pile.

1.1.1 MDA-P and Nearby Potential Contaminated Sites

MDA-P is shown in Figure 1-1 (see map in pocket at the end of this chapter), which shows the area directly influenced by waste disposal activities and any possible subsequent contamination. The waste and contamination located within this area is specifically subject to the requirements outlined in this Closure Plan. Four other potentially contaminated areas are located in the vicinity of MDA-P; these areas (or sites) are PRSs 16-006(e), 16-010(a), 16-016(c) and 16-010(b). These PRSs are also depicted on Figure 1-1. Descriptions as well as regulatory status of these PRSs are briefly outlined below:

1.1.3 Technical Approach

To achieve closure, the entire waste pile, including hazardous and nonhazardous waste and soil, will be removed. Approximately 60,000 cubic yards (yd^3) of debris and contaminated media will be excavated. The primary decontamination technique will be steam cleaning. The waste contained within the pile is very heterogeneous; most of it appears to be structural steel and miscellaneous debris, which cannot be easily sampled or characterized because of the impracticality of drilling through the material and the physical size of the material. Chapter 3.0 of this plan describes what is known about the waste pile, both from process knowledge and from the limited number of samples that have been taken to characterize the waste pile.

During closure, the waste will be characterized during excavation as sections of the pile are removed. For safety reasons, the debris will be decontaminated using steam and hot water to remove potential high explosives (HE) contamination. If the HE materials cannot be effectively removed from the debris, the debris will be flashed at the TA-16 open burn pad. If a significant amount of debris is generated beyond the estimates of this plan, alternate waste treatment methods will be explored. After decontamination and/or flashing, most of the debris is expected to be designated as nonhazardous.

All debris will be steam cleaned prior to off-site management. Steam cleaning meets the alternative treatment standard for hazardous debris; thus, visual inspection will be used to verify that hazardous debris is no longer considered contaminated.

Soil, decontamination wastes (i.e., liquids and sludges), or free liquids (i.e., those liquids found in pockets or containers within the waste pile) that contain HE materials or exceed the regulatory levels for toxicity characteristic (TC) metals (e.g., barium, chromium, lead) may be treated onsite or offsite at a permitted facility. On-site treatment of this waste may include stabilization on a batch basis for metals, such as barium, chromium, or lead. The batches of material will be approximately 100 yd^3. Treatment that may be conducted onsite will occur inside tanks meeting the requirements of 20 NMAC 4.1, Sections 264.192 through 264.199. This treatment will occur

4.1.2 Sampling to Establish Baseline

Before any waste is removed, baseline levels will be established for the soil at the top of the mesa in the approximate location of the closure waste handling/management areas (e.g., staging, decontamination, treatment, storage, and loading areas). Baseline levels will be established by collecting 10 samples from locations distributed over the waste handling/management area. Baseline levels will reflect the possible presence of contaminants derived from nearby Laboratory operations that are not related to MDA-P. Baseline concentrations are represented by the 95% UTL calculated from concentrations of Appendix VIII hazardous constituents and radioactive constituents measured in soil from these areas.

Following the completion of all waste removal operations and final equipment decontamination, the areas on top of the mesa will be resampled and the sampling data compared with baseline UTLs concentrations to determine if any releases occurred during the waste removal operations.

4.1.3 Sampling of the Waste Pile

During waste removal operations, the waste pile will be sampled for potential contaminants to characterize the waste for selection of treatment and disposal options. The material to be sampled includes excavated soil and tuff, as well as debris within the waste pile. Before excavation, this material will be visually inspected and spot-tested for HE to ensure safe handling.

4.1.3.1 Soil and Tuff

One composite sample will be taken from each 100 yd^3 of waste soil and tuff. Based on the estimated volume of the waste-pile and contaminated media (60,000 yd^3), a total of approximately 500 composite samples will be collected. Composite sampling will provide data on the average concentration of contaminants required for selecting treatment and disposal options.

Each composite sample will consist of grab samples collected from 3 to 10 locations within the 100 yd^3 of soil and tuff. A larger number of grab samples could result in excessive dilution of contaminant concentrations. Sufficient volume will be collected for each grab sample to ensure adequate composite sample volume for the prescribed analyses. The composite samples will

Table 4-2 Summary of Samples and Analyses

Analysis (EPA SW-846 Method except where otherwise noted)	Metals 6020[a] 1311[a]	Volatile Organics 8240A[b]	Semi-volatile Organics 3520A, 3540A/ 8270A[c]	Reactive Cyanide/ Sulfide 9010A, 9030A[d,k]	Total Cyanide 9011/ 9010A 9012A[e]	High Explosives 8330	Gamma Spectro-scopy	Gross Alpha 9310[f]	Gross Beta 9310[f]	Asbestos NIOSH Method 7400[g]	Organo-chlorine Pesticides and PCBs 8080A[g,h]	Chlorinated Herbicides 8150B[g,h]	pH 9020	Dioxin 8280[g]
Phase 1 Number of Samples														
Background Soil and Tuff[i]	20	0	20	0	0	0	20	20	20	0	0	0	0	0
Baseline Soil (Staging Area)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Waste Pile Soil/Tuff	500	500	500	125	0	500	500	500	500	500	125	125	125	125
Duplicate[j]	25	25	25	7	0	25	25	25	25	25	7	7	7	7
Rinsate Blank[k]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Matrix Spike[l]	25	25	25	7	0	25	25	25	25	25	7	7	7	7
Total Samples, Phase 1	580	560	580	149	10	560	580	580	580	560	149	149	149	149
Phase 2 Number of Samples[m]														
Soil/Tuff	317	11	319	2	2	319	2	2	2	2	2	2	2	2
Post-closure Baseline Soil (Staging Area)	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Duplicate[j]	30	1	30	0	0	30	0	0	0	0	0	0	0	0
Rinsate Blank[k]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Matrix Spike[l]	16	0	16	0	0	16	0	0	0	0	0	0	0	0
Total Samples, Phase 2	371	20	373	10	10	373	10	10	10	10	10	10	10	10

[a] Method 3005A and 3050A is digestion for water and soil, 6020 is the analytical method for most total metals. Method 7740 is the analytical method for total selenium. Methods 7470 and 7471 are the analytical methods for total mercury. Other methods may also be used (Method 6010A and 7000A series methods) as described in Section 4.6.1. Method 1311 is the TCLP method.

[b] Method 8260 may be substituted for 8240A.

[c] Method 3520A and 3540A are extraction methods for water and soil, 8270A is the analytical method.

[d] Determination of reactive cyanide is described is SW-846, Chapter 7, Section 7.3.3. This determination includes portions of Method 9010A. Determination of reactive sulfide is described in Section 7.3.4. This determination includes portions of Method 9030A.

[e] Method 9011 is digestion of soil for cyanide analyses. Methods 9010A and 9012A are the analytical methods for cyanide.

[f] Method 9310 is for water samples. Soil samples will be measured using calibrated field instruments.

[g] Analyses for asbestos, organochlorine pesticides and PCB, dioxin, and chlorinated herbicides will be performed in Phase 2 only if they are detected in the Phase 1 sampling.

[h] For soil/tuff samples will be taken from every fourth 100 cubic yard batch of waste that is to be deposited.

[i] The number of background samples will be identified in the Background Sampling Plan that will be submitted separately.

[j] Duplicates will be collected at a frequency of one per 20 soil or tuff samples for Phase 1, and one per 10 water samples. As required by the New Mexico Environment Department, duplicates were collected at a frequency of one per 10 soil or tuff samples during Phase 2.

[k] Equipment rinsate blanks will be collected at a frequency of one per 20 soil or tuff samples, and one per 10 water samples.

[l] Matrix spike samples will be collected at a frequency of one per sample delivery group per matrix, with a maximum of 20 samples per delivery group.

[m] The number of samples is estimated based on the number of sample grids within the proposed waste pile project boundary. After the waste pile boundary is surveyed, the number of grids will be totaled and the number of samples will be changed if necessary.

[redacted]

For this project, an extension of the 90-day and 180-day closure time frames will be necessary. Removal of wastes and completion of closure activities as described in Sections 6.2.4, 6.2.5, and 6.2.6 will extend until the end of October 2002. This extended time frame is necessary because the Laboratory was unable to meet the original project schedule for waste removal due to safe operating practices at the site having to be re-evaluated when detonable pieces of HE were observed during excavation. The extended time frame is also necessary because of the following factors:

- the Cerro Grande fire delayed completion of excavation;
- the Phase II Sampling and Analysis Plan was submitted in August 1999 and verbally approved on May 30, 2001; and
- during Phase II sampling, contamination was found and excavated from a small drainage on the eastern edge of the site. Significant analytical backlogs at the off-site analytical laboratories have delayed completion of this analysis.

For these reasons, the Laboratory requests that NMED approve the extended project schedule until October 2002 for final closure. The anticipated closure schedule is presented in Section 6.2.7.

6.1.2.2 Time Frame for Demonstrations or Extensions (20 NMAC 4.1, Section 265.113[c])

As indicated in Figure 6-2, removal of wastes and completion of closure activities will need to be extended until October 2002. If completion of final closure activities will take longer than the end of October 2002 the Laboratory will submit a closure plan amendment in accordance with 265.112(c).

6.1.3 Disposal or Decontamination of Equipment, Structures, Debris and Soils (20 NMAC 4.1, Section 265.114)

During the final closure period, all equipment, structures, debris, and soil that is contaminated above acceptable levels must be properly disposed of or decontaminated. Contaminated equipment will be decontaminated in accordance with the procedures described in Section 6.3.1. Contaminated structures and soils will be identified, decontaminated, removed, and disposed of in accordance with the procedures described in Sections 6.2.4, 6.2.5, and 6.2.6. Section 6.3.2 describes how wastes generated during closure will be managed. Section 6.3.3 describes the criteria used to determine when decontamination and closure activities have met the closure performance standard. Section 6.3.4 describes the specific sampling and analysis procedures to be used to verify that all materials remaining onsite after closure meet the closure performance standard.

ID	Task Name	Duration	Start	Finish
1	Submit Closure Plan	0 days	Mon 2/6/95	Mon 2/6/95
2	Closure Plan Approved	0 days	Thu 2/20/97	Thu 2/20/97
3	Permit Modifications	90 days	Fri 5/7/99	Thu 9/9/99
4	Begin Operations	0 days	Mon 5/13/96	Mon 5/13/96
5	Preliminary Construction	665 days	Mon 5/13/96	Fri 11/27/98
6	Procure Equipment & Subcontractors	348 days	Mon 6/3/96	Wed 10/1/97
7	Readiness Review	1 day	Wed 10/29/97	Wed 10/29/97
8	Excavate, Decontaminate & Sample	888 days	Wed 11/5/97	Fri 3/30/01
9	Waste Treatment (as needed)	294 days	Thu 7/1/99	Tue 8/15/00
10	Phase 2 Sampling	106 days	Tue 6/19/01	Tue 11/13/01
11	East Drainage Remediation	6 days	Thu 9/13/01	Thu 9/20/01
12	Waste Disposal	810 days	Mon 12/21/98	Fri 1/25/02
13	Final Closure Report	214 days	Mon 1/7/02	Thu 10/31/02
14	Reseed/Replant Vegetation	134 days	Tue 10/1/02	Fri 4/4/03

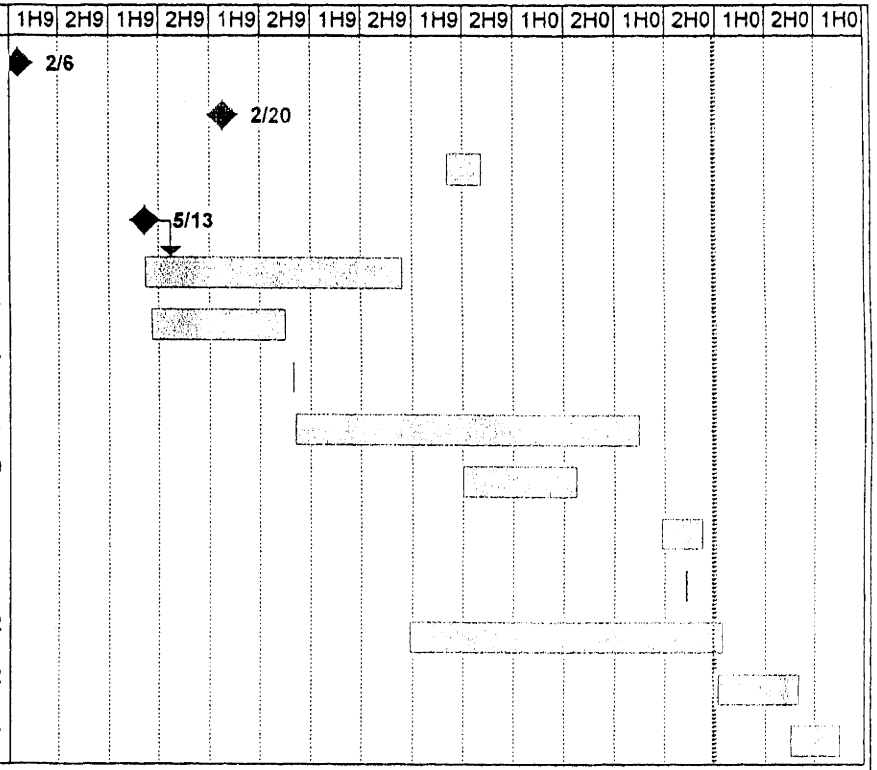

Figure 6-2:
ESTIMATED PROJECT SCHEDULE
Date: December 2001

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

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a landfill as required by 20 NMAC 4.1, Section 265.258(b), and an amended closure/postclosure plan will be prepared and submitted to the NMED.

6.2.2 Identification of Maximum Extent of Operation [20 NMAC 4.1, Section 265.112(b)(2)]

The estimated maximum extent of operation of the waste pile is shown in Figure 1-1. The waste pile was operated from the early 1950's to 1984.

6.2.3 Estimate of the Maximum Inventory of Hazardous Waste [20 NMAC 4.1, Section 265.112(b)(3)]

The MDA-P waste pile contains an estimated 60,000 yd^3 of waste, debris, and contaminated media. It is anticipated that 500 yd^3 of excavated soil will require treatment. This estimate is based on professional judgement and visual inspection of the waste pile.

6.2.4 Detailed Description of Removal of Waste Inventory [20 NMAC 4.1, Sections 265.112(b)(3) and (4)]

Prior to the excavation of the waste, several activities will occur. A staging area will be set up for the segregation of waste material (see Figure 2-4 in pocket at the end of Chapter 2.0). This staging area will be constructed on a 200-ft by 200-ft, 80-mil high-density polyethylene (HDPE) liner overlain by a protective layer of plywood or steel. Material will be placed at this staging area, inspected, sampled, and segregated based on physical characteristics. Immediately adjacent to this staging area, a decontamination pad will be constructed of concrete covered with an 80-mil HDPE liner. This liner will be overlain by a protective layer of plywood or steel. This decontamination pad will measure approximately 40 ft by 40 ft and will have 2-in. curbing to contain any liquids. During decontamination, plastic splash guards will be placed inside the curb of the decontamination pad to prevent liquids from coming into contact with surrounding soils. This decontamination pad will be placed inside a secondary containment system constructed of 80-mil HDPE with 4-in. curbing made of wood covered by the liner. During decontamination, the liquids in the decontamination pad will be vacuumed out into a container to prevent the liquid from overtopping curb levels. Nearby, two 40-ft by 40-ft evaporation ponds will be constructed

ENVIRONMENTAL RESTORATION PROJECT
COMMUNICATION RECORD

Date: 3/06/02	**Time:**	**Recorded By:** Kenneth Bostick
To: Vickie Maranville	**From:** Kenneth Bostick	**Telephone No.:** 667-0326

Affiliation: NMED

Other Parties:
Dave McInroy, Richard Romero, (LANL), Woody Woodworth (DOE-AL), Bill Criswell (Weston), Terra Nash (IT Corp)

Discussion:
This communication record documents the decisions made during the February 27, 2002 meeting with Vickie Maranville and Eliza Frank, NMED; Bill Criswell, Weston; Terra Nash, IT Corp; Richard Romero and Paula Bertino, LANL, and myself, regarding additional confirmation sampling in the East Drainage excavation at Material Disposal Area (MDA) P.

Confirmation samples collected from this area in November 2001 indicated that some contaminated material remained in this location. An additional 300 yd^3 of soil were excavated from this location and disposed of as hazardous waste.

During the meeting on February 27th, the following decisions regarding additional confirmation sampling were agreed to:

1. Re-sample the four locations (Grid 205, 206, 277 and 278) that had indicated the presence of barium contamination.
2. Collect a duplicate sample in Grid 205, the location that had previously shown the highest concentration of contamination. This sample will be analyzed for Perchlorates as well.
3. Collect three or more samples along the East, South and West edge of the excavation to demonstrate boundary of contamination. Previous sampling determined the Northern boundary.
4. Collect one sample from the location of the waste storage pad.
5. Collect a sample for the stream bottom where the channel comes into the excavation site.

Action Items:
Deliver communication record to Vickie Maranville to initial.

Distribution:
V. Maranville, NMED-HWB
L. Woodworth, DOE-AL
D. McInroy, LANL/E-ER
R. Romero, LANL/ESH-19
C. W. Criswell, Roy F. Weston, Inc.
T. Nash-Berning, IT Corp
N. Riebe, LANL/E-ER
K. Bostick, LANL/EES-10
RPF

DI-4.3, R0	**LOS ALAMOS** **Environmental Restoration** **Project**

ENVIRONMENTAL RESTORATION PROJECT

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Risk Reduction & Environmental Stewardship (RRES)
Environmental Restoration (ER) Project, MS M992
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U.S. Department of Energy
Office of Los Alamos Site Operations, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504

Date: May 13, 2002
Refer to: ER2002-0340

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

SUBJECT: SUBMITTAL OF REVISED REQUEST FOR CLASS 1 CLOSURE PLAN MODIFICATION FOR MATERIAL DISPOSAL AREA (MDA) P LOS ALAMOS NATIONAL LABORATORY NM0890010515 TASK NO. HWB-LANL-01-030

Dear Mr. Young:

The purpose of this letter is to provide the Los Alamos National Laboratory's (the Laboratory's) Revised MDA P Request for Class 1 Closure Plan Modification. The Laboratory initially submitted this request to the New Mexico Environment Department (NMED) on December 20, 2001. This revision supercedes the previous transmittal and contains information responding to the comments and requests made by NMED in its April 10, 2002 letter to Dr. Browne and Mr. Johansen on the same subject. The Laboratory's submittal includes replacement pages for the MDA P Closure Plan Modification as well as responses to the five items in NMED's April 10, 2002 letter.

If you have any questions, please call Dave McInroy at (505) 667-0819.

Sincerely,

Julie A. Canepa, Program Manager
Environmental Restoration Project
Los Alamos National Laboratory

Sincerely,

Everett Trollinger, Project Manager
Department of Energy
Los Alamos Area Office

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Response to
Revised Request for Class 1 Closure Plan Modification,
for Material Disposal Area P (MDA P),
Los Alamos National Laboratory NM0890010515,
Task Number HWB-LANL-01-030

INTRODUCTION

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim. Los Alamos National Laboratory's (LANL's) responses follow each NMED comment. This document provides responses to comments on the Class 1 Closure Plan Modification MDA-P, dated December 20, 2001.

NMED Comment

1. *The revised closure schedule shall contain dates for completion of all field activities, ecological risk assessment, and site restoration at MDA P. Submittal of the closure report to HWB within 90 days of completion of field activities must be included in the schedule.*

LANL Response

1. The revised closure schedule for fieldwork (ecological risk assessment), the final closure report, and site restoration is enclosed as replacement page 6-10. Fieldwork is expected to end October 31, 2002; the final closure report is expected to be delivered January 31, 2003; and site restoration is expected to be completed November 3, 2004.

NMED Comment

2. *LANL shall correct the bulleted items on page 6-9 of the closure modification to reflect the actual HWB approval process for the sampling and analyses plan (SAP). Corrections shall include dates additional information was submitted to HWB (August 10, 2000 and April 26, 2001) to supplement the SAP prior to approval on June 7, 2001.*

LANL Response

2. The bulleted text on replacement page 6-9 (enclosed) shows that the additional information submittals for the MDA P sampling and analysis plan were made on August 10, 2000; April 26, 2001; and August 2, 2001; and that NMED approved the plan on June 7, 2001.

NMED Comment

3. *Additional soil removal and confirmation sampling has been conducted at MDA P following submittal of the closure modification. HWB is requiring pages 1-8 and 4-3 be revised to reflect the actual amount of media removed from MDA P. Revisions to the removed waste volumes shall be submitted once confirmation sample results indicate additional removal activities will not be required. In addition, Table 4-2, Summary of Samples and Analyses (page 4-17) shall be revised and resubmitted to reflect additional sampling that may have been conducted at the site.*

LANL Response

3. A total of 52,187 cubic yards of media have been excavated from MDA P, and 55,093 cubic yards have been disposed of or recycled. (The difference in volume between excavation and disposal comes from soil bulking during waste segregation and handling.) Replacement pages 1-8 and 4-3 have been revised to include this information. Replacement Table 4-2, Summary of Samples and Analyses, has been revised to reflect additional sampling and is enclosed. As requested, revisions to the removed waste volumes, if any, are required subsequent to the approval of this modification, and will be reported in the final closure report.

NMED Comment

4. *Page 1-2 of the modification request corrects a typographical error in the approved closure plan for MDA P. This page may be resubmitted with the revised closure plan modification.*

LANL Response

4. Enclosed is replacement page 1-2 as well as a map (Figure 1-1).

NMED Comment

5. *HWB recognizes that a closure time frame extension is necessary for compliance with Resource Conservation and Recovery Act (RCRA) Regulation 265.113(c). The December 20, 2001, closure modification submitted to HWB requests an extension of the 90-day and 180-day closure time frames. The extensions, if approved, would extend the closure time frame until October 2002. HWB does not believe the proposed extension would provide LANL sufficient time to complete closure activities at MDA P for the following reasons. The approved closure plan deferred ecological risk assessment until completion of phase II sampling activities at MDA P and confirmatory sampling is currently ongoing. Solid waste management unit (SWMU) 16-006(e), a septic tank and outfall pipe, located in an area directly influenced by waste disposal activities at MDA P, may require additional characterization and/or removal prior to closure of MDA P. SWMU 16-006(e) is identified on page 1-2 of the approved MDA P closure plan as an area that is subject to the requirements outlined in the closure plan. LANL should submit a revised closure schedule (in accordance with 20 NMAC 4.1, Section 265.113[c]).*

LANL Response

5. The schedule for the removal of the septic tank, former SWMU 16-006(e), is included in the revised closure schedule (enclosed as replacement page 6-10) and discussed in LANL's response to NMED comment 1).

   As shown on page 6-10, the ecological risk assessment began on June 4, 2001. Activity at MDA P was initiated upon completion of Phase II sampling on April 4, 2002. Removal of the septic tank at former SWMU 16-006(e) was completed, together with confirmatory soil sampling, on April 4, 2002.

REVISED REQUEST FOR CLASS 1 CLOSURE PLAN MODIFICATION, FOR MATERIAL DISPOSAL AREA P (MDA P) MDA P CLOSURE PLAN REPLACEMENT PAGES

May 2002

accordance with EPA guidance (EPA, 1991a). Appendix C contains photographs of the waste pile and run-on control trench. Appendix D describes vadose-zone observations from 1998 at MDA-P. Appendix E provides historical records associated with TA-16 and MDA-P. Appendix F describes the composition of explosives produced at the Laboratory. Appendix G describes sampling procedures for MDA-P closure. Appendix H presents an evaluation of the 20 NMAC 4.1 Section 261, Appendix VIII (Appendix VIII) hazardous constituents for selection of analytical methods. Appendix I provides site-specific standard operating procedures. Appendix J describes the site geology and hydrology at TA-1 6, Area P

Compliance with specific regulatory requirements for closure are addressed in Chapter 6.0. The 20 NMAC 4.1 have incorporated, with a few minor exceptions, the Code of Federal Regulations (CFR) Title 40, Parts 260 to 266 and 268 to 270 through July 1, 1993. Most regulatory citations in this closure will, therefore, be referenced to 20 NMAC 4.1. Table 1-1 lists the regulations applicable for closure of waste piles and identifies which sections of Chapter 6.0 address compliance with these regulations.

1.1 Closure Strategy

In the past, the disposal site at Area P was referred to as a landfill. However, RCRA regulations do not explicitly provide a clean-closure option for landfills. The U.S. Environmental Protection Agency (EPA) has addressed this problem by issuing guidance that allows a landfill, if clean closed under 40 CFR 265 standards, to make an equivalency demonstration under 40 CFR Section 270.1 (c)(5), (6), by redefining the landfill as a waste pile (Lowrance 1989). Therefore, to clean close this unit and make an equivalency demonstration as described above, the Laboratory is referring to the MDA-P landfill as the MDA-P waste pile.

1.1.1 MDA-P and Nearby Potential Contaminated Sites

MDA-P is shown in Figure 1-1 (see enclosed map), which shows the area directly influenced by waste disposal activities and any possible subsequent contamination. The waste and contamination located within this area is specifically subject to the requirements outlined in this Closure Plan. Four other potentially contaminated areas are located in the vicinity of MDA-P; three of these areas (or sites) [former PRSs 16-006(e), 16-010(a), and 16-016(c)] have been consolidated into PRS 16-016(c)-99 (Figure 1-1). The fourth, PRS 16-010(b), is the 387 flash pad. Descriptions as well as regulatory status of these PRSs are briefly outlined below:

1.1.3 Technical Approach

To achieve closure, the entire waste pile, including hazardous and nonhazardous waste and soil, will be removed. A maximum of 60,000* cubic yards (yd^3) of debris and contaminated media will be excavated. The primary decontamination technique will be steam cleaning or pressure washing. The waste contained within the pile is very heterogeneous; much of it appears to be structural steel and miscellaneous debris, which cannot be easily sampled or characterized because of the impracticality of drilling through the material and the physical size of the material. Chapter 3.0 of this plan describes what is known about the waste pile, both from process knowledge and from the limited number of samples that have been taken to characterize the waste pile.

During closure, the waste will be characterized during excavation as sections of the pile are removed. For safety reasons, the debris will be decontaminated using hot water to remove potential high explosives (HE) contamination. If the HE materials cannot be effectively removed from the debris, the debris will be flashed at the TA-16 open burn pad. If a significant amount of debris is generated beyond the estimates of this plan, alternate waste treatment methods will be explored. After decontamination and/or flashing, most of the debris is expected to be designated as nonhazardous.

All debris will be steam cleaned or pressure washed prior to off-site management. Steam cleaning or pressure washing meets the alternative treatment standard for hazardous debris; thus, visual inspection will be used to verify that hazardous debris is no longer considered contaminated.

Soil, decontamination wastes (i.e., liquids and sludges), or free liquids (i.e., those liquids found in pockets or containers within the waste pile) that contain HE materials or exceed the regulatory levels for toxicity characteristic (TC) metals (e.g., barium, chromium, lead) may be treated on-site or off-site at a permitted facility. On-site treatment of this waste may include stabilization on a batch basis for metals such as barium, chromium, or lead. The batches of material will be approximately 100 yd^3. Treatment that may be conducted on-site will occur inside tanks meeting the requirements of 20 NMAC 4.1, Sections 264.192 through 264.199. This treatment will occur

* 52,187 cubic yards of media have been excavated, and 55,093 cubic yards of waste were submitted for off-site disposal; 21,500 cubic yards of waste were hazardous.

4.1.2 Sampling to Establish Baseline

Before any waste is removed, baseline levels will be established for the soil at the top of the mesa in the approximate location of the closure waste handling/management areas (e.g., staging, decontamination, treatment, storage, and loading areas). Baseline levels will be established by collecting 10 samples from locations distributed over the waste handling/management area. Baseline levels will reflect the possible presence of contaminants derived from nearby Laboratory operations that are not related to MDA-P. Baseline concentrations are represented by the 95% UTL calculated from concentrations of Appendix VIII hazardous constituents and radioactive constituents measured in soil from these areas.

Following the completion of all waste-removal operations and final equipment decontamination, the areas on top of the mesa will be resampled and the sampling data compared with baseline UTL concentrations to determine if any releases occurred during the waste-removal operations.

4.1.3 Sampling of the Waste Pile

During waste-removal operations, the waste pile will be sampled for potential contaminants to characterize the waste for selection of treatment and disposal options. The material to be sampled includes excavated soil and tuff as well as debris within the waste pile. Before and during excavation, this material will be visually inspected and spot-tested for HE to ensure safe handling.

4.1.3.1 Soil and Tuff

One composite sample will be taken from each 100 yd^3 of waste soil and tuff. Based on the estimated volume of the waste pile and contaminated media (60,000* yd^3), a total of approximately 500 composite samples will be collected. Composite sampling will provide data on the average concentration of contaminants required for selecting treatment and disposal options.

Each composite sample will consist of grab samples collected from 3 to 10 locations within the 100 yd^3 of soil and tuff. A larger number of grab samples could result in excessive dilution of contaminant concentrations. Sufficient volume will be collected for each grab sample to ensure adequate composite sample volume for the prescribed analyses. The composite samples will

* 52,187 cubic yards of media have been excavated, and 55,093 cubic yards of waste were submitted for off-site disposal; 21,500 cubic yards of waste were hazardous.

Table 4-2 Summary of Samples and Analyses

Analysis (EPA SW-846 Method except where otherwise noted)	Metals 6020 [a] 1311 [a]	Volatile Organics 8240A [b] T014A	Semi-volatile Organics 3520A, 3540A/ 8270A [c]	Reactive Cyanide/ Sulfide 9010A, 9030A [d,k]	Total Cyanide 9011/ 9010A 9012A [e]	High Explosives PETN 8330 [f]	Gamma Spectro-scopy	Gross Alpha Gross Beta 9310 [g]	Total U SW 846 6020	ISO-U HASL-300	Asbestos NIOSH Method 7400 [h]	Organo-chlorine Pesticides and PCBs 8080A [h,i]	Chlorinated Herbicides 8150B [h,i]	pH 9020	Dioxin 8280 [h]	Perchlorates 314
Phase I Number of Samples																
Background Soil and Tuff	20	20	20	20	20	20	20	20	0	0	20	20	20	20	20	0
Baseline Soil (Staging Areas)	10	10	10	10	10	10	10	10	0	0	10	10	10	10	10	0
Waste Pile Soil/Tuff	500	500	500	125	0	500	500	500	52	437	500	125	125	125	125	0
Duplicate [j]	25	25	25	7	0	25	25	25	3	22	25	7	7	7	7	0
Decontamination Water	36	36	36	36	36	36	36	36	18	14	36	36	36	36	36	6
Matrix Spike [k]	25	25	25	7	0	25	25	25	3	22	25	7	7	7	7	0
Total Samples, Phase I	616	616	616	205	66	616	616	616	76	495	616	205	205	205	205	6
Phase 2 Number of Samples																
Soil/Tuff	296	10	302	2	2	298	2	2	0	4	2	2	2	2	2	52
Boreholes AA SUMMAT	12	10	8	0	0	12	0	0	0	0	0	0	0	0	0	8
Baseline Soil (Staging Areas)	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	0
Duplicate [j]	34	1	34	0	0	34	0	0	0	0	0	0	0	0	0	10
Matrix Spike [k]	17	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0
Total Samples, Phase 2	362	24	364	5	5	364	5	5	0	7	5	5	5	5	5	70

[a] Method 3005A and 3050A is digestion for water and soil, 6020 is the analytical method for most total metals. Method 7740 is the analytical method for total selenium. Methods 7470 and 7471 are the analytical methods for total mercury. Other methods may also be used (Method 6010A and 7000A series methods) as described in Section 4.6.1. Method 1311 is the TCLP method.

[b] Method 8260 substituted for 8240A for soils. T014A for SUMMA canisters collected in Boreholes 526, 554, 557.

[c] Method 3520A and 3540A are extraction methods for water and soil 8270A is the analytical method.

[d] Determination of reactive cyanide is described is SW-846, Chapter 7, Section 7.3.3. This determination includes portions of Method 9010A. Determination of reactive sulfide is described in Section 7.3.4. This determination includes portions of Method 9030A.

[e] Method 9011 is digestion of soil for cyanide analyses. Methods 9010A and 9012A are the analytical methods for cyanide.

[f] Method 8330 modified included analysis for PETN. PETN analysis submitted during Phase I only not Phase 2.

[g] Method 9310 is for water samples. Soil samples were field screened using calibrated field instruments.

[h] Analyses for asbestos, organochlorine pesticides and PCB, dioxin, and chlorinated herbicides were performed in Phase 2 only if they were detected during Phase I sampling.

[i] Soil/tuff samples were collected from every fourth 100 cubic yard pile of waste excavated.

[j] Duplicates were collected at a frequency of one per 20 soil or tuff samples for Phase I, and one per 10 water samples. Duplicates were collected at a frequency of one per 10 soil or tuff samples during Phase 2.

[k] Matrix spike samples were collected at a frequency of one per sample delivery group per matrix with a maximum of 20 samples per delivery group.

For this project, an extension of the 90-day and 180-day closure time frames will be necessary. Removal of wastes and completion of closure activities as described in Sections 6.2.4, 6.2.5, and 6.2.6 will extend until the end of January 2003. This extended time frame is necessary because the Laboratory was unable to meet the original project schedule for waste removal due to safe operating practices at the site having to be re-evaluated when detonable pieces of HE were observed during excavation. The extended time frame is also necessary because of the following factors:

- The Cerro Grande fire delayed completion of excavation.
- The Phase II sampling and analysis plan was submitted during August 1999; supplemental information was submitted on August 10, 2000 and on April 26, 2001; verbal approval was given on May 30, 2001; written approval was given on June 7, 2001; and deviational changes to the Phase II sampling and analysis plan were submitted on August 2, 2001.
- During Phase II sampling, additional contamination was found and excavated from a small drainage on the eastern edge of the site.

For these reasons, the Laboratory requests that NMED approve the extended project schedule until January 2003 for final closure. The anticipated closure schedule is presented in Section 6.2.7.

6.1.2.2 Time Frame for Demonstrations or Extensions (20 NMAC 4.1, Section 265.113[c])

As indicated in Figure 6-2, removal of wastes and completion of closure activities will need to be extended until January 2003. If completion of final closure activities will take longer than the end of January 2003, the Laboratory will submit a closure plan amendment in accordance with 265.112(c).

6.1.3 Disposal or Decontamination of Equipment, Structures, Debris and Soils (20 NMAC 4.1, Section 265.114)

During the final closure period, all equipment, structures, debris, and soil that are contaminated above acceptable levels must be properly disposed of or decontaminated. Contaminated equipment will be decontaminated in accordance with the procedures described in Section 6.3.1. Contaminated structures and soils will be identified, decontaminated, removed, and disposed of in accordance with the procedures described in Sections 6.2.4, 6.2.5, and 6.2.6. Section 6.3.2 describes how wastes generated during closure will be managed. Section 6.3.3 describes the criteria used to determine when decontamination and closure activities have met the closure performance standard. Section 6.3.4 describes the specific sampling and analysis procedures to be used to verify that all materials remaining on-site after closure meet the closure performance standard.

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ID	Task Name	Duration	Start	Finish
1	Field Work	1302 days	Wed 11/5/97	Thu 10/31/02
2	16-006(e) septic tank removal	26 days	Thu 4/4/02	Thu 5/9/02
3	Eco Risk Assessment	369 days	Mon 6/4/01	Thu 10/31/02
4	Final Closure Report	240 days	Mon 3/4/02	Fri 1/31/03
5	Site Restoration	116 days	Wed 5/26/04	Wed 11/3/04

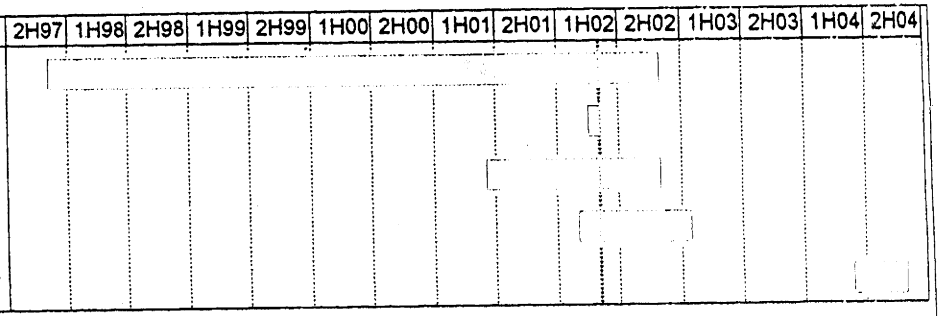

Figure 6-2:
ESTIMATED PROJECT SCHEDULE
Date: May 2002

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

a landfill as required by 20 NMAC 4.1, Section 265.258(b), and an amended closure/postclosure plan will be prepared and submitted to the NMED.

6.2.2 Identification of Maximum Extent of Operation [20 NMAC 4.1, Section 265.112(b)(2)]

The estimated maximum extent of operation of the waste pile is shown in Figure 1-1. The waste pile was operated from the early 1950's to 1984.

6.2.3 Estimate of the Maximum Inventory of Hazardous Waste [20 NMAC 4.1, Section 265.112(b)(3)]

The MDA-P waste pile contains an estimated maximum volume of 60,000 yd^3 of waste, debris, and contaminated media. It is estimated that 21,000 yd^3 of excavated soil will require treatment and disposal as hazardous waste at a permitted, off-site facility.

6.2.4 Detailed Description of Removal of Waste Inventory [20 NMAC 4.1, Sections 265.112(b)(3) and (4)]

Prior to the excavation of the waste, several activities will occur. A staging area will be set up for the segregation of waste material (see Figure 2-4 in pocket at the end of Chapter 2.0). This staging area will be constructed on a 200-ft by 200-ft, 80-mil high-density polyethylene (HDPE) liner overlain by a protective layer of plywood or steel. Material will be placed at this staging area, inspected, sampled, and segregated based on physical characteristics. Immediately adjacent to this staging area, a decontamination pad will be constructed of concrete covered with an 80-mil HDPE liner. This liner will be overlain by a protective layer of plywood or steel. This decontamination pad will measure approximately 40 ft by 40 ft and will have 6-in. curbing to contain any liquids. During decontamination, plastic splash guards will be placed inside the curb of the decontamination pad to prevent liquids from coming into contact with surrounding soils. This decontamination pad will be placed inside a secondary containment system constructed of 80-mil HDPE. During decontamination, the liquids in the decontamination pad will be pumped out into a container to prevent the liquid from overtopping curb levels.

Media Place Holder
Target

This target represents media that was not microfilmed. The original media can be obtained through the Records Processing Facility.

ER ID # 73159

Box # _____

Record Type: M&P

Date: 5-8-02

Symbol: GISLab Plot ID: G200140

Subject:

MDA-P Project Area and Adjacent PRSs
(Figure 1-1, part of MDA P Closure Plan
replacement pages May 2002 - LA-UR-02-2749)

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Telephone (505) 428-2500
Fax (505) 428-2567
www.nmenv.state.nm.us

GARY E. JOHNSON
GOVERNOR

PETER MAGGIORE
SECRETARY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 30, 2002

Dr. John Browne, Director
Los Alamos National Laboratory
P.O. Box 1663, Mail Stop A100
Los Alamos, New Mexico 87545

Everett Trollinger, Project Manager
Office of Los Alamos Site Operations
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, New Mexico 87544

RE: NOTICE OF ADMINISTRATIVE COMPLETENESS AND APPROVAL OF REVISED REQUEST FOR CLASS 1 CLOSURE PLAN MODIFICATION FOR MATERIAL DISPOSAL AREA (MDA) P
LOS ALAMOS NATIONAL LABORATORY NM0890010515
HWB-LANL-02-007

Dear Dr. Browne and Mr. Trollinger:

The New Mexico Environment Department (NMED) has reviewed the Revised Request for Class 1 Closure Plan Modification for MDA P dated May 13, 2002 and referenced by ER2002-0340 and supplemental information dated May 20, 2002 and referenced by ER2002-0366. HWB has made a determination that the document and supporting documentation is administratively complete and approves the proposed modifications for MDA P.

The approved closure plan modification addresses changes to the closure plan for MDA P, including a revised closure schedule, changes to waste volumes generated during closure activities, correction of typographical errors, and clarification of document submittal and approval dates. Upon approval of the modification, the New Mexico Hazardous Waste Management Regulations 20.4.1.500, incorporating 40 CFR 270.42 (a)(1)(ii), requires the permittee to send notice of the approved modifications to all persons on the Facility mailing list

and appropriate units of state and local government within 90 calendar days after the request is approved (by August 28, 2002). Please find the Facility mailing list attached.

The New Mexico Hazardous Waste Management Fee Regulations 20.4.2 NMAC require assessment of fees when administrative review of a document is complete. NMED will issue an invoice to you under a separate letter. Payment is due within sixty (60) calendar days from the date that you receive the invoice. If fees are transmitted electronically, you must submit a letter to Cindy Abeyta, Hazardous Waste Bureau, indicating the invoice number, payment amount, date of payment and the assessed activity.

If you have any questions regarding this letter, please contact Vickie Maranville at (505) 428-2546.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: C. Abeyta, NMED HWB
V. Maranville, NMED HWB
M. Kirsch, LANL E/ER, MS M992
D. McInroy, LANL E/ER, MS M992

File: Reading and HSWA TA 16 MDA P (SWMU 16-018)

I.A.1 SWMU 16-018 (MDA P) and TA-16-387 Continued Investigation

The Respondents shall continue the investigation and closure of MDA P, and the closure of the TA-16-367 flash pad. The investigation shall fully characterize the vertical and lateral extent of groundwater contamination, including contamination through fracture flow at MDA P.

The Respondents shall submit to the Department for approval an investigation work plan for MDA P. The work plan shall include a storm water and groundwater monitoring plan. The work plan shall be prepared in accordance with Section XI.B of this Order and shall be submitted by the date specified in Section XII of this Order.

Upon Department approval, the Respondents shall implement the investigation work plan. Upon Department approval, the work plan shall be incorporated herein by reference and become an enforceable part of this Order.

The Respondents shall submit to the Department for approval an investigation report that presents the results of field activities, summarizes the data collected, and presents recommendations and conclusions for the closure of MDA P. The investigation report shall be prepared in accordance with Section XI.C of this Order and shall be submitted by the date specified in Section XII of this Order.

ENVIRONMENTAL RESTORATION PROJECT
TELEPHONE COMMUNICATION RECORD

Date: 09/04/02	**Time:** **AM** 1:30 **PM**	**Recorded By:**	Sharon Wirth (IT/Shaw Environmental)
To: Kirby Olson	**From:** MDA P Closure Team	**Telephone: No:**	(505) 262-8936
Affiliation: New Mexico Environment Department, Hazardous Waste Bureau			

Other Parties:
Ken Bostick, LANL
Rich Mirenda, LANL
Paul Schumann, LANL
Mark Tardiff, Neptune and Co., Inc.
Mike Nagy, IT/Shaw Environmental

Discussion:
The purpose of the meeting was to present to the NMED (Kirby Olson) the approach to the assessment of ecological risk for the MDA P closure certification, given findings of the site setting and revised conceptual model made during a site visit by the MDA P team (August 28, 2002) and obtain verbal approval from NMED to proceed with the proposed approach.

Rich Mirenda began with introductions of the attendees followed by a brief summary of the agenda. The agenda included: introduce the findings from the site visit; summarize the proposed approach to the ecological risk assessment; discuss technical issues, if needed; and receive preliminary agreement from NMED to proceed with the proposed approach.

Sharon Wirth provided the summary of the team's findings and observations made during the site visit (August 28, 2002). The following was emphasized as the most important observation: the site is currently composed of two distinct areas, each with different implications for transport and exposure to ecological receptors. The first area consists of undisturbed or reclaimed areas (~5.1 acres of the nearly 9.25 acre site), which essentially border the main excavation area to the south, east, and west. This area has a thriving plant community that is comprised primarily of grasses and ruderal species representative of successional or transitional areas; evidence of animal activity (tracks and scat of small and large mammals) was also apparent. The second area consists of a single, large, and continuous area of exposed tuff (~4.25 acres of consolidated tuff or unconsolidated tuff with large boulders), from which topsoil and unconsolidated tuff was removed during the Phase I excavation activities; few or no plants or evidence of biological activity were observed in this area.

The approach to the ecological risk assessment proposed treating the two areas differently, to account for differences in the transport and potential exposure to ecological receptors between the areas. It was proposed that exposure within the biological zone be assessed using the typical risk assessment methodology (i.e., comparison of concentrations of chemicals of potential concern [COPCs] to ecological screening levels [ESLs] to calculate hazard quotient/hazard index [HQ/HI] values for terrestrial receptors that may use this area). In contrast, it was proposed that little-to-no exposure to receptors can be expected in the exposed tuff area because of the relative inaccessibility and low bioavailability of the COPCs in the tuff and the complete lack of developed soils or plant communities. It was noted that if exposure did occur, it was not expected to occur at a level that would cause population-level effects.

Kirby Olson asked if the transport of COPCs to the adjacent Cañon de Valle and subsequent exposure of receptors down gradient of the MDA P Area would be considered. The reply given by Sharon Wirth was that, yes, transport from the exposed tuff area was determined to be the most significant mechanism for exposure of receptors, and that the focused Cañon de Valle study results were being used to provide a context for the potential risk to receptors impacted by the off-site transport. The identification of COPCs in the exposed tuff zone that might impact Cañon de Valle receptors would be made by first screening against background and then screening against ESLs; COPCs that fail the ESL screen would be identified as chemicals of potential ecological concern (COPECs) for the exposed tuff zone.

Mark Tardiff explained the approach for using the focused Cañon de Valle study results to evaluate potential risk to ecological receptors in the Cañon de Valle to MDA P COPECs. The basic methodology proposed includes comparing the COPEC concentrations from the MDA P Area to those in Cañon de Valle; if no adverse effects were observed for the Cañon de Valle receptors and the MDA P COPEC concentrations are similar to, or lower than, those in Cañon de Valle, then the conclusion will be made that no adverse effects are expected for ecological receptors due to COPEC concentrations at the MDA P Area within the exposed tuff zone.

Lastly, Rich Mirenda proposed that all confirmation samples within the exposed tuff zone be treated as tuff, regardless of matrix/media designation at the time of the sampling. The reasoning provided was that the sampling team designated fine materials as "soil," even though in the exposed tuff zone, these fine materials are weathered tuff, likely due to mechanical degradation of the surface during the Phase I excavation activities.

Kirby Olson had no further questions and provided agreement to proceed with the MDA P risk assessment as presented in the meeting.

Action Items:

Kirby Olson agreed to follow up with the EPA to see if there was any guidance or precedence for assessing risk to receptors based on COPCs in large areas incapable of supporting viable biological populations.

Jeff Yurk with Region 6 EPA agreed that the exposed tuff area of the site doesn't need a quantitative ecological risk assessment including generation and review of hazard quotients. The preferred approach is a qualitative ecological risk assessment; this would consist of a written discussion in the report documenting that the various exposure pathways are not complete at this site. The discussion would include the information similar to what was discussed in the conference call: that the contaminants are immobilized in the porous rock, that vegetation is not present in sufficient quantities to result in uptake through food chain, that receptors are unlikely to frequent an exposed area without food or protective cover, etc.

Distribution:

Kirby Olson, NMED
Victoria Maranville, NMED
Ken Bostick, LANL
Rich Mirenda, LANL
Paul Schumann, LANL
Kelly VanDerpoel, LANL
Ellena Martinez, LANL RRES-R
Nadine Martinez, LANL Records Processing Facility
Nancy Riebe, LANL Remedial Actions Focus Area
Mark Tardiff, Neptune and Co., Inc.
Mike Nagy, IT/Shaw Environmental
Sharon Wirth, IT/Shaw Environmental
Woody Woodworth, DOE

Appendix E

MDA P Site,
Phase II Confirmation Sampling,
Chain-of-Custody Forms

E-1.0 OVERVIEW

Chain-of-custody (COC) forms were used during the collection of Phase II confirmation samples to document sample collection information (e.g., date, time, and sample medium); track the transfer of samples between personnel; and track shipment to, and receipt of, samples by the respective analytical laboratories.

All copies of a COC form must accompany the sample(s) to the Laboratory's Sample Management Office (SMO). The Field Team Leader (FTL), or FTL designee, is responsible for ensuring (1) delivery of the samples to the SMO, and (2) the completeness and accuracy of the form. Upon delivery to the SMO, the FTL or FTL designee signs the *relinquished by* block and an SMO representative signs the *received by* block, along with the date and time. All copies of a given COC form require signatures, unless carbon paper or "no carbon required" paper was used. After the acknowledgement and receipt of samples by SMO, the FTL or FTL designee retains the third (pink) copy for the sampling team's records. The original (top or white) copy is kept with the samples, and the second (yellow) copy is forwarded to the RRES-RS RPF by the SMO. Any individual accepting custody of a sample or set of samples is required to verify that all containers identified on the COC form are contained in the package(s) being accepted, as acknowledged by a signature on the COC form. COC forms are retained at the RPF as part of the permanent record of field sampling activities.

E-2.0 NOTATIONS

Prior to the SMO 1.2.3 release (deployed October 1, 2002), an application defect existed during the generation and printing of the COC records. Under certain conditions, extra pages were printed so that the total number of pages reported at the top of the form might inaccurately represent the actual number of pages.

The following notations for the COC forms listed below were found to be valid. All documentation is attached and complete, the only error is in the actual numbering of pages.

COC	COC DATE	COMMENTS
1082-01-0077	06/27/01	Should have been numbered "Page *x* of 4"
1082-01-0078	06/28/01	Should have been numbered "Page *x* of 4"
1082-01-0090	06/29/01	Should have been numbered "Page 1 of 1"
1082-01-0081	06/29/01	Should have been numbered "Page *x* of 4"
5772 (Event 202)	03/20/02	Should have been numbered "Page *x* of 9"
6902 (Event 242)	04/04/02	Should have been numbered "Page *x* of 3"
12552 (Event 462)	05/14/02	Should have been numbered "Page *x* of 4"
24582 (Event 742)	06/28/02	Should have been numbered "Page *x* of 5"

The COC forms make up the remainder of this appendix. Some copies of this report have been distributed with photocopies of the forms as well as an electronic version on CD; other copies of the report include only the electronic version on CD (see CD included at the front of this report).

> ***Note:*** **Some samples on the COC forms were subsequently excavated due to areas of elevated contaminant concentration and are not reflected in the Phase II confirmation sample database provided in Appendix B (see CD included at the front of this report).**

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Leo Martinez **Affiliation:** E-ER	**Date:** 6/20/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1230	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0028~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0028	07		5 gm Encore Container	Soil	Ice	VOCECORE	
0816-01-0027	06		~~125 ml~~ Polyethylene	Soil	Ice	VOCECORE	
0816-01-0027	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0027	08		5 gm Encore Container-	Soil	~~Ice~~	VOCECORE	
~~0816-01-0028~~	08		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0027	05	6/19/01 12:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0027	02	6/19/01 12:30	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0027~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0027	03	6/19/01 12:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0027~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0028	05	6/19/01 1:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0028	02	6/19/01 1:15	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0028~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0028	03	6/19/01 1:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0027~~	~~09~~	2.5. 6/20/01	~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0028~~	~~09~~		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0029	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0029	07		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
~~0816-01-0029~~	~~08~~		5 gm Encore Container-	Soil	~~Ice~~	~~VOCECORE~~	
0816-01-0029	05	6/20/01 823	125 ml Glass	Soil	Ice	SEMI	
0816-01-0029	02	6/20/01 823	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0029~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0029	03	6/20/01 823	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0029~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0029~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0030	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0030	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0030~~	~~08~~		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0030	05	6/19/01 1:54	125 ml Glass	Soil	Ice	SEMI	
0816-01-0030	02	6/19/01 1:54	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0030~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0030	03	6/19/01 1:54	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0030~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0030~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Leo Martinez Jr. **Affiliation:** E-ER	**Date:** 6/20/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** Joylene Valdez **Affiliation:**	**Time:** 14:45	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0031~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0031~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0031~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0031	05	6/19/01 1450	125 ml Glass	Soil	Ice	SEMI	
0816-01-0031	02	6/19/01 1450	125 ml Glass	Soil	Ice	HEXP	
0816-01-0031	01	6/19/01 1450	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0031	03	6/19/01 1450	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0031~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0031~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0032~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0032~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0032~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0032	05	6/18/01 14:50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0032	02	6/18/01 14:50	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0032~~	~~01~~	6/19/01 1415 0	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	OK

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0032	03	6/19/01 1450	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0032~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0032~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0033~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0033~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0033~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0033	05	6/20/01 1026	125 ml Glass	Soil	Ice	SEMI	
0816-01-0033	02	6/20/01 1026	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0033~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0033	03	6/20/01 1026	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0033~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0033~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0034~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0034~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0034~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0034	05	6/20/01 9:38	125 ml Glass	Soil	Ice	SEMI	
0816-01-0034	02	6/20/01 9:38	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0034~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0034	03	6/20/01 9:38	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0034~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0034~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0035~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0035~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0035~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0035	05	6/20/01 1056	125 ml Glass	Soil	Ice	SEMI	
0816-01-0035	02	6/20/01 1056	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0035~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0035	03	6/20/01 1056	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0035~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0035~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0036~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0036~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0036~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0036	05	6/20/01 1121	125 ml Glass	Soil	Ice	SEMI	
0816-01-0036	02	6/20/01 1121	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0036~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0036	03	6/20/01 1121	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0036~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0036~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 6/20/01 **Time:** 15:45	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** [signature] **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0037~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0037~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0037~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0037	05	6/20/01 9:04	125 ml Glass	Soil	Ice	SEMI	
0816-01-0037	02	6/20/01 9:04	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0037~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0037	03	6/20/01 9:04	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0037~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0037~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0038~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0038~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0038~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0038	05	6/20/01 1233	125 ml Glass	Soil	Ice	SEMI	
0816-01-0038	02	6/20/01 1233	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0038~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0038	03	6/20/01 1238	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0038	04		250 ml Polyethylene	Soil	None	METTCLP	
0816-01-0038	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0039	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0039	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0039	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0039	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0039	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0039	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0039	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0039	04		250 ml Polyethylene	Soil	None	METTCLP	
0816-01-0039	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0040	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0040	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0040	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0040	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0040	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0040	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0040	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0040	04		250 ml Polyethylene	Soil	None	METTCLP	
0816-01-0040	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0041	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0041	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0041	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0041	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0041	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0041	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0041	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0041	04		250 ml Polyethylene	Soil	None	METTCLP	
0816-01-0041	09		5 gm Encore Container	Soil	Ice	VOCECORE	

Original - LANL Destination

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Leo Martinez **Affiliation:** E-ER	**Date:** 6/25/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** Joylene Valdez **Affiliation:**	**Time:** 15:45	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0039~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0039~~	~~07~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0039~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0039	05	6/25/01 7:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0039	02	6/25/01	125 ml Glass	Soil	Ice	HEXP	
0816-01-0039	01	6/25/01	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0039	03	6/25/01	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0039~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0039~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0040~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0040	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0040~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0040	05	6/25/01 7:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0040	02	6/25/01	125 ml Glass	Soil	Ice	HEXP	
0816-01-0040	01	6/25/01	250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0040	03	6/25/01 915	125 ml Poly	Soil	Ice	METTAL+HEXCR	
~~0816-01-0040~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0040~~	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0041	06		125 ml Polyethylene	Soil	Ice	VOCECORE	G
0816-01-0041	07		5 gm Encore Container-	Soil	Ice	VOCECORE	G
~~0816-01-0041~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0041	05	6/25/01	942 125 ml Glass	Soil	Ice	SEMI	
0816-01-0041	02	6/25/01	942 125 ml Glass	Soil	Ice	HEXP	J.S.
~~0816-01-0041~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0041	03	6/25/01	942 125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0041~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	J.S.
~~0816-01-0041~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	J.S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Lea Martinez **Affiliation:** EER	**Date:** 6-25-01 **Time:** 15:45	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0042~~	06		125 ml Polyethylene	Soil	Ice	~~VOCECORE~~	
~~0816-01-0042~~	07		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	4.5.
~~0816-01-0042~~	08		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0042	05	6/25/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0042	02	6/25/01 1000	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0042~~	01		250 ml Polyethylene	Soil	Ice	EPA300	4.5.
0816-01-0042	03	6/25/01 1000	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0042~~	04		250 ml Polyethylene	Soil	None	METTCLP	
~~0816-01-0042~~	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0043	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0043	07		5 gm Encore Container-	Soil	Ice	VOCECORE	4.5
~~0816-01-0043~~	08		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0043	05	6/25/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0043	02	6/25/01 1000	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0043~~	01		250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0043	03	6/25/01 1000	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0043~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0043	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0044	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0044	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0044~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0044	05	6/25/01 1020	125 ml Glass	Soil	Ice	SEMI	
0816-01-0044	02	6/25/01	125 ml Glass	Soil	Ice	HEXP	
0816-01-0044	01	6/25/01	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0044	03	6/25/01	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0044~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0044	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0045	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0045	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0045~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0045	05	6/25/01 1020	125 ml Glass	Soil	Ice	SEMI	
0816-01-0045	02	6/25/01	125 ml Glass	Soil	Ice	HEXP	
0816-01-0045	01	6/25/01	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0045	03	6/25/01	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0045~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0045	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0046	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0046	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0046~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0046	05	6/25/01 1052	125 ml Glass	Soil	Ice	SEMI	
0816-01-0046	02	6/25/01 1052	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0046~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0046	03	6/25/01 1052	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0046~~	~~04~~		250 ml Polyethylene	Soil	~~None~~	~~METTCLP~~	
~~0816-01-0046~~	~~09~~		5 gm Encore Container-	Soil	~~Ice~~	~~VOCECORE~~	

JS

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Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L Martinez/J Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 6-25-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** [signature] **Affiliation:**	**Time:** 1615	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0047~~	~~06~~		125 ml Polyethylene	Soil	Ice	~~VOCECORE~~	
0816-01-0047	07		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
~~0816-01-0047~~	~~08~~		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0047	05	6/25/01 1110	125 ml Glass	Soil	Ice	SEMI	
0816-01-0047	02	6/25/01 1110	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0047~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0047	03	6/25/01 1110	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0047~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0047	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0048	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0048	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0048~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0048	05	6/25/01 1118	125 ml Glass	Soil	Ice	SEMI	
0816-01-0048	02	6/25/01 1118	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0048~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

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Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
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OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0048	03	6/25/01 11:18	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0048~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0048	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0049	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	4.5°
0816-01-0049	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0049~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0049	05	6/25/01 1125	125 ml Glass	Soil	Ice	SEMI	
0816-01-0049	02	6/25/01 1125	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0049~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0049	03	6/25/01 1125	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0049~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0049	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0050	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	4.5°
0816-01-0050	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0050~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0050	05	6/25/01 1140	125 ml Glass	Soil	Ice	SEMI	
0816-01-0050	02	6/25/01 1140	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0050~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0050	03	6/25/01 1140	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0050~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0050	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0051	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	4.5°
0816-01-0051	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0051~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0051	05	6/25/01 1240	125 ml Glass	Soil	Ice	SEMI	
0816-01-0051	02	6/25/01 1240	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0051~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0051	03	6/25/01 1240	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
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Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0051~~	~~04~~		250 ml Polyethylene	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0051~~	~~09~~		5 gm Encore Container-	~~Soil~~	~~Ice~~	~~VOCECORE~~ J.S.	

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Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 6/25/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 15:50	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0052~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0052	07		5 gm Encore Container-	Soil	Ice	VOCECORE	J.S.
~~0816-01-0052~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0052	05	6/25/01 1250	125 ml Glass	Soil	Ice	SEMI	
0816-01-0052	02	6/25/01 1250	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0052~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0052	03	6/25/01 1250	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0052~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0052	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0053	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0053	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0053~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0053	05	6/25/01 1:05	125 ml Glass	Soil	Ice	SEMI	
0816-01-0053	02	6/25/01 1:05	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0053~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.

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Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
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Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0053	03	6/25/01 1:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0053~~	~~04~~		~~250 ml Polyethylene~~	Soil	None	METTCLP	
0816-01-0053	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0054	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0054	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0054~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0054	05	6/25/01 1:05	125 ml Glass	Soil	Ice	SEMI	
0816-01-0054	02	6/25/01 1:05	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0054~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	EPA300	
0816-01-0054	OK 03	6/25/01 1:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0054~~	~~04~~		~~250 ml Polyethylene~~	Soil	None	METTCLP	
0816-01-0054	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0055	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0055	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0055~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0055	05	6/25/01 1:25	125 ml Glass	Soil	Ice	SEMI	
0816-01-0055	02	6/25/01 1:25	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0055~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	EPA300	
0816-01-0055	03	6/25/01 1:25	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0055~~	~~04~~		~~250 ml Polyethylene~~	Soil	None	METTCLP	
0816-01-0055	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0056	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0056	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0056~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0056	05	6/25/01 135	125 ml Glass	Soil	Ice	SEMI	
0816-01-0056	02	6/25/01 1:35	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0056~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	EPA300	J.S.
0816-01-0056	03	6/25/01 1:35	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0056~~	04		~~250 ml Polyethylene~~	Soil	None	METTCLP	
~~0816-01-0056~~	~~09~~		5 gm Encore Container-	~~Soil~~	~~Ice~~	VOCECORE	

J.S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 6.25.01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 15:50	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0057~~	~~06~~		125 ml Polyethylene	Soil	Ice	~~VOCECORE~~	
0816-01-0057	07		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
~~0816-01-0057~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0057	05	6/25/01 1:43	125 ml Glass	Soil	Ice	SEMI	
0816-01-0057	02	6/25/01 1:43	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0057~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0057	03	6/25/01 1:43	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0057~~	~~04~~		~~250 ml Polyethylene~~	Soil	None	~~METTCLP~~	
0816-01-0057	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0058	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0058	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0058~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0058	05	6/25/01 1:50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0058	02	6/25/01 1:50	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0058~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0058	03	6/25/01 1:50	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0058~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0058	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0059	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0059	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0059~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0059	05	6/25/01 2:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0059	02	6/25/01 2:00	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0059~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0059	03	6/25/01 2:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0059~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0059	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0060	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0060	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0060~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0060	05	6/25/01 2:10	125 ml Glass	Soil	Ice	SEMI	
0816-01-0060	02	6/25/01 2:10	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0060~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0060	03	6/25/01 2:10	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0060~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0060~~	~~09~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0061	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0061	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0061~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0061	05	6/25/01 2:19	125 ml Glass	Soil	Ice	SEMI	
0816-01-0061	02	6/25/01 2:19	125 ml Glass	Soil	Ice	HEXP	
0816-01-0061	01	6/25/01 2:19	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0061	03	6/25/01 2:19	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0061~~	~~04~~		250 ml Polyethylene	Soil	None	~~METTCLP~~	
~~0816-01-0061~~	~~09~~		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 6-25-01 **Time:** 15:55	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0062~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0062~~	~~07~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	VOCECORE	
~~0816-01-0062~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0062	05	6/25/01 219	125 ml Glass	Soil	Ice	SEMI	
0816-01-0062	02	6/25/01 219	125 ml Glass	Soil	Ice	HEXP	
0816-01-0062	01	6/25/01 219	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0062	03	6/25/01 219	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0062~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0062~~	~~09~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0063	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0063	07		5 gm Encore Container-	~~Soil~~	Ice	VOCECORE	
~~0816-01-0063~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0063	05	6/25/01 230	125 ml Glass	Soil	Ice	SEMI	
0816-01-0063	02	6/25/01 2:30	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0063~~	~~01~~	~~6/25/01 2:30~~	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0063	03	6/25/01 230	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0063~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0063	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0064	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0064	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0064~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0064	05	6/25/01 238	125 ml Glass	Soil	Ice	SEMI	
0816-01-0064	02	6/25/01 238	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0064~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0064	03	6/25/01 238	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0064~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0064	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0065	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0065	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0065~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0065	05	6/25/01 245	125 ml Glass	Soil	Ice	SEMI	
0816-01-0065	02	6/25/01 245	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0065~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0065	03	6/25/01 245	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0065~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0065	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0066	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0066	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0066~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0066	05	6/25/01 245	125 ml Glass	Soil	Ice	SEMI	
0816-01-0066	02	6/25/01 245	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0066~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0066	03	6/25/01 245	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0066~~	~~04~~		250 ml Polyethylene	Soil	None	~~METTCLP~~	
~~0816-01-0066~~	~~09~~		5 gm Encore Container-	Soil	Ice	VOCECORE	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Leo Martinez **Affiliation:** E-ER	**Date:** 6/25/01 **Time:** 1555	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0067~~	~~06~~		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0067	07		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	J.S.
~~0816-01-0067~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0067	05	6/25/01 252	125 ml Glass	Soil	Ice	SEMI	
0816-01-0067	02	6/25/01 252	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0067~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0067	03	6/25/01 252	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0067~~	~~04~~		~~250 ml Polyethylene~~	Soil	~~None~~	~~METTCLP~~	
0816-01-0067	09		5 gm Encore Container-	Soil	Ice	VOCECORE	J.S.
~~0816-01-0068~~	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0068~~	~~07~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0068~~	~~08~~		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0068	05	6/25/01 252	125 ml Glass	Soil	Ice	SEMI	
0816-01-0068	02	6/25/01 252	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0068~~	~~01~~		250 ml Polyethylene	Soil	Ice	EPA300	J.S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0068	03	6/25/01 252	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0068~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0068	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0069	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0069	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0069~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0069	05	6/25/01 305	125 ml Glass	Soil	Ice	SEMI	
0816-01-0069	02	6/25/01 305	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0069~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0069	03	6/25/01 305	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0069~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0069	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0070	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0070	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0070~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0070	05	6/25/01 305	125 ml Glass	Soil	Ice	SEMI	
0816-01-0070	02	6/25/01 305	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0070~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0070	03	6/25/01 305	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0070~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0070	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0071	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0071	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0071	08		5 gm Encore Container-	Soil	Ice	VOCECORE	J.S.
0816-01-0071	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0071	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0071	01		250 ml Polyethylene	Soil	Ice	EPA300	
~~0816-01-0071~~	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0071~~	~~04~~		250 ml Polyethylene	Soil	None	~~METTCLP~~	
0816-01-0071	09		~~5 gm Encore Container~~	~~Soil~~	Ice	VOCECORE	

JS.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: J.Martinez/J.Salaz **(Signature):** J. Salaz **Affiliation:** E-ER	**Date:** 6/26/01 **Time:** 15:15	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** Joylene Valdez **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0071~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0071~~	~~07~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0071~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0071	05	6/26/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0071	02	6/26/01 1000	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0071~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0071	03	6/26/01 1000	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0071~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0071~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** J.Salaz **Affiliation:** EER	**Date:** 6-26-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** Joylene Valdez **Affiliation:**	**Time:** 15:15	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 to GEL for Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0072~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0072~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	J.S.
~~0816-01-0072~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0072	05	6/26/01 1012	125 ml Glass	Soil	Ice	SEMI	
0816-01-0072	02	6/26/01 1012	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0072~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0072	03	6/26/01 1012	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0072~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0072~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0073~~	~~06~~		125 ml Polyethylene	Soil	Ice	~~VOCECORE~~	J.S.
~~0816-01-0073~~	~~07~~		5 gm Encore Container	Soil	Ice	~~VOCECORE~~	
~~0816-01-0073~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0073	05	6/26/01 1010	125 ml Glass	Soil	Ice	SEMI	
0816-01-0073	02	6/26/01 1010	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0073~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0073	03	6/26/01 1010	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0073~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0073	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0074	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0074~~	~~07~~		5 gm Encore Container-	~~Soil~~	Ice	VOCECORE	
~~0816-01-0074~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0074	05	2/26/01 1025	125 ml Glass	Soil	Ice	SEMI	
0816-01-0074	02	2/26/01 1025	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0074~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0074	03	2/26/01 1025	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0074~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0074	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0075	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0075~~	~~07~~		5 gm Encore Container-	~~Soil~~	Ice	VOCECORE	
~~0816-01-0075~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0075	05	6/26/01 1025	125 ml Glass	Soil	Ice	SEMI	
0816-01-0075	02	6/26/01 1025	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0075~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0075	03	6/26/01 1025	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0075~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0075	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0076	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0076~~	~~07~~		5 gm Encore Container-	~~Soil~~	Ice	VOCECORE	
~~0816-01-0076~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0076	05	6/26/01 1030	125 ml Glass	Soil	Ice	SEMI	
0816-01-0076	02	6/26/01 1030	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0076~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0076	03	6/26/01 1030	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0076~~	~~04~~		~~250 ml Polyethylene~~	~~Soil~~	None	METTCLP	
~~0816-01-0076~~	09		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	

J. S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date	06/26/01	**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	07/26/01
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: J.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 6-26-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 15:15	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected		Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0077	02	06/26/01	1030	125 ml Glass	Soil	Ice	HEXP	
0816-01-0077	03	06/26/01	1030	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0077	05	06/26/01	1030	125 ml Glass	Soil	Ice	SEMI	
0816-01-0078	02	06/26/01	1042	125 ml Glass	Soil	Ice	HEXP	
0816-01-0078	03	06/26/01	1042	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0078	05	06/26/01	1042	125 ml Glass	Soil	Ice	SEMI	
0816-01-0079	02	06/26/01	1042	125 ml Glass	Soil	Ice	HEXP	
0816-01-0079	03	06/26/01	1042	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0079	05	06/26/01	1042	125 ml Glass	Soil	Ice	SEMI	
0816-01-0080	01	06/26/01	1055	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0080	02	06/26/01	1055	125 ml Glass	Soil	Ice	HEXP	
0816-01-0080	03	06/26/01	1055	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0080	05	06/26/01	1055	125 ml Glass	Soil	Ice	SEMI	
0816-01-0081	01	06/26/01	1055	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0081	02	06/26/01	1055	125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date	06/26/01	**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	07/26/01
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected		Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0081	03	06/26/01	1055	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0081	05	06/26/01	1055	125 ml Glass	Soil	Ice	SEMI	
0816-01-0082	01	06/26/01	1100	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0082	02	06/26/01	1100	125 ml Glass	Soil	Ice	HEXP	
0816-01-0082	03	06/26/01	1100	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0082	05	06/26/01	1100	125 ml Glass	Soil	Ice	SEMI	
0816-01-0083	01	06/26/01	1100	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0083	02	06/26/01	1100	125 ml Glass	Soil	Ice	HEXP	
0816-01-0083	03	06/26/01	1100	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0083	05	06/26/01	1100	125 ml Glass	Soil	Ice	SEMI	
0816-01-0084	02	06/26/01	1108	125 ml Glass	Soil	Ice	HEXP	
0816-01-0084	03	06/26/01	1108	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0084	05	06/26/01	1108	125 ml Glass	Soil	Ice	SEMI	
0816-01-0085	02	06/26/01	1108	125 ml Glass	Soil	Ice	HEXP	
0816-01-0085	03	06/26/01	1108	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0085	05	06/26/01	1108	125 ml Glass	Soil	Ice	SEMI	
0816-01-0086	02	06/26/01	1115	125 ml Glass	Soil	Ice	HEXP	
0816-01-0086	03	06/26/01	1115	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0086	05	06/26/01	1115	125 ml Glass	Soil	Ice	SEMI	
0816-01-0087	02	06/26/01	1122	125 ml Glass	Soil	Ice	HEXP	
0816-01-0087	03	06/26/01	1122	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0087	05	06/26/01	1122	125 ml Glass	Soil	Ice	SEMI	
0816-01-0088	02	06/26/01	1122	125 ml Glass	Soil	Ice	HEXP	
0816-01-0088	03	06/26/01	1122	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0088	05	06/26/01	1122	125 ml Glass	Soil	Ice	SEMI	
0816-01-0089	02	06/26/01	1130	125 ml Glass	Soil	Ice	HEXP	
0816-01-0089	03	06/26/01	1130	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0089	05	06/26/01	1130	125 ml Glass	Soil	Ice	SEMI	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date	06/26/01	**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	07/26/01
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0090	02	06/26/01 1136	125 ml Glass	Soil	Ice	HEXP	
0816-01-0090	03	06/26/01 1136	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0090	05	06/26/01 1136	125 ml Glass	Soil	Ice	SEMI	
0816-01-0091	01	06/26/01 1310	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0091	02	06/26/01 1310	125 ml Glass	Soil	Ice	HEXP	
0816-01-0091	03	06/26/01 1310	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0091	05	06/26/01 1310	125 ml Glass	Soil	Ice	SEMI	
0816-01-0092	01	06/26/01 1310	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0092	02	06/26/01 1310	125 ml Glass	Soil	Ice	HEXP	
0816-01-0092	03	06/26/01 1310	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0092	05	06/26/01 1310	125 ml Glass	Soil	Ice	SEMI	
0816-01-0093	01	06/26/01 1310	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0093	02	06/26/01 1310	125 ml Glass	Soil	Ice	HEXP	
0816-01-0093	03	06/26/01 1310	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0093	05	06/26/01 1310	125 ml Glass	Soil	Ice	SEMI	
0816-01-0094	01	06/26/01 1310	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0094	02	06/26/01 1310	125 ml Glass	Soil	Ice	HEXP	
0816-01-0094	03	06/26/01 1310	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0094	05	06/26/01 1310	125 ml Glass	Soil	Ice	SEMI	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 6/27/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1515	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0095	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0095	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0095	07		5 gm Encore Container-	Soil	Ice	VOCECORE	J.S.
0816-01-0095	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0095	05	6/27/01 1015	125 ml Glass	Soil	Ice	SEMI	
0816-01-0095	02	6/27/01 1015	125 ml Glass	Soil	Ice	HEXP	
0816-01-0095	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0095	03	6/27/01 1015	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0095	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0096	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0096	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0096	07		5 gm Encore Container-	Soil	Ice	VOCECORE	J.S.
0816-01-0096	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0096	05	6/27/01 1036	125 ml Glass	Soil	Ice	SEMI	
0816-01-0096	02	6/27/01 1036	125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0096	03	6/27/01 1036	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0096	04		250 ml Amber Glass	Soil	None	METTCLP	

J. S.

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 6/27/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 15:15	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0097~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0097	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	J.S.
0816-01-0097	~~07~~		5 gm Encore Container-	~~Soil~~	Ice	VOCECORE	
~~0816-01-0097~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0097	05	6/27/01 1047	125 ml Glass	Soil	Ice	SEMI	
0816-01-0097	02	6/27/01 1047	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0097~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0097	03	6/27/01 1047	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0097~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0098	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0098	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0098	~~07~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0098~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0098	05	6/27/01 1057	125 ml Glass	Soil	Ice	SEMI	
0816-01-0098	02	6/27/01 1057	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0098	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0098	03	6/27/01 1057	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0098	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0099	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0099	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0099	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0099	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0099	05	6/27/01 1107	125 ml Glass	Soil	Ice	SEMI	
0816-01-0099	02	6/27/01 1107	125 ml Glass	Soil	Ice	HEXP	
0816-01-0099	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0099	03	6/27/01 1107	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0099	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0100	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0100	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0100	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0100	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0100	05	6/27/01 1120	125 ml Glass	Soil	Ice	SEMI	
0816-01-0100	02	6/27/01 1120	125 ml Glass	Soil	Ice	HEXP	
0816-01-0100	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0100	03	6/27/01 1120	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0100	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0101	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0101	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0101	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0101	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0101	05	6/27/01 1300	125 ml Glass	Soil	Ice	SEMI	
0816-01-0101	02	6/27/01 1300	125 ml Glass	Soil	Ice	HEXP	
0816-01-0101	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0101	03	6/27/01 1300	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0101~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0102	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0102	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0102	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0102~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0102	05	6/27/01 1335	125 ml Glass	Soil	Ice	SEMI	
0816-01-0102	02	6/27/01 1335	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0102~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0102	03	6/27/01 1335	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0102~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0103	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0103	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
~~0816-01-0103~~	~~07~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0103~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0103	05	6/27/01 1345	125 ml Glass	Soil	Ice	SEMI	
0816-01-0103	02	6/27/01 1345	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0103~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0103	03	6/27/01 1345	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0103~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0104	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0104	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0104	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0104~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0104	05	6/27/01 1355	125 ml Glass	Soil	Ice	SEMI	
0816-01-0104	02	6/27/01 1355	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0104~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0104	03	6/27/01 1355	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0104	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0105	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0105	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0105	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0105	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0105	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0105	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0105	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0105	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0105	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0106	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0106	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0106	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0106	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0106	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0106	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0106	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0106	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0106	04		250 ml Amber Glass	Soil	None	METTCLP	

J. S.

J. S.

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Johnny Salaz **Affiliation:** E-ER	**Date:** 6/28/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: M. Clevenger **(Signature):** Mike Clevenger **Affiliation:** LANL	**Time:** 1501	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None
SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0105~~	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0105	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0105	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0105~~	08		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0105	05	6/28/01 8:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0105	02	6/28/01 8:45	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0105~~	01		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0105	03	6/28/01 8:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0105~~	04		~~250 ml Amber Glass~~	Soil	~~None~~	~~METTCLP~~	
0816-01-0106	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0106	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0106~~	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0106~~	08		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0106	05	6/28/01 9:05	125 ml Glass	Soil	Ice	SEMI	
0816-01-0106	02	6/28/01 9:05	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0106	03	6/28/01 9:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0106~~	~~04~~		250 ml Amber Glass	Soil	None	METTCLP	J.S.

Original - LANL Destination

Yellow - RPF

Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: J.Martinez/J.Salaz **(Signature):** Johnny Salaz **Affiliation:** E-ER	**Date:** 6/28/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: M. Clevenger **(Signature):** Mike Clevenger **Affiliation:** LANL	**Time:** 1501	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0107~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0107	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0107	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0107~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0107	05	6/28/01 9:12	125 ml Glass	Soil	Ice	SEMI	
0816-01-0107	02	6/28/01 9:12	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0107~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0107	03	6/28/01 9:12	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0107~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0108~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	VOCECORE	
0816-01-0108	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0108	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0108~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0108	05	6/28/01 9:17	125 ml Glass	Soil	Ice	SEMI	
0816-01-0108	02	6/28/01 9:17	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0108~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	F.S.
0816-01-0108	03	6/28/01 9:17	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0108~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0109	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0109	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	F.S.
0816-01-0109	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0109~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0109	05	6/28/01 9:17	125 ml Glass	Soil	Ice	SEMI	
0816-01-0109	02	6/28/01 9:17	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0109~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	F.S.
0816-01-0109	03	6/28/01 9:17	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0109~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0110	09	6/28/01	5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0110	06	6/28/01	~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	F.S.
0816-01-0110	07	6/28/01	5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0110~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0110	05	6/28/01 1102	125 ml Glass	Soil	Ice	SEMI	
0816-01-0110	02	6/28/01 1102	125 ml Glass	Soil	Ice	HEXP	
0816-01-0110	01	6/28/01 1102	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0110	03	6/28/01 1102	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0110~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0111	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0111	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	F.S.
0816-01-0111	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0111~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0111	05	6/28/01 1102	125 ml Glass	Soil	Ice	SEMI	
0816-01-0111	02	6/28/01 1102	125 ml Glass	Soil	Ice	HEXP	
0816-01-0111	01	6/28/01 1102	250 ml Polyethylene	Soil	Ice	EPA300	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0111	03	6/28/01 11:02	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0111~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0112	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0112	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	J.S.
0816-01-0112	07		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
~~0816-01-0112~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0112	05	6/28/01 1250	125 ml Glass	Soil	Ice	SEMI	
0816-01-0112	02	6/28/01 1250	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0112~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0112	03	6/28/01 1250	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0112~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0113	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0113	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0113	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0113~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0113	05	6/28/01 1:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0113	02	6/28/01 1:30	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0113~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0113	03	6/28/01 1:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0113~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0114	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0114	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0114	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0114~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0114	05	6/28/01 155	125 ml Glass	Soil	Ice	SEMI	
0816-01-0114	02	6/28/01 155	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0114~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0114	03	6/28/01 155	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0114~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0115~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0115~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0115~~	~~07~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0115~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0115	05	6/28/01 2:05	125 ml Glass	Soil	Ice	SEMI	
0816-01-0115	02	6/28/01 2:05	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0115~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0115	03	6/28/01 2:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0115~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0116	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0116	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0116	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0116	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0116	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0116	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0116	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0116	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0116	04		250 ml Amber Glass	Soil	None	METTCLP	

J.S.

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	Send Lab Report to	Richard Romero	Field Unit Leader	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		LANL Destination	SMO	Turnaround	30 days
OU Contact	Richard Romero	LANL Contact	Joylene Valdez	Lab Report Required	
Contact Phone No	(505) 665-4116	LANL Mail Stop		Charge Code	MR3A0331UMM0

Relinquished by: (Signature): J.L. Martinez/J. Salaz Affiliation: E-ER	Date: 6/29/01	Relinquished by: (Signature): Affiliation:	Date:	Relinquished by: (Signature): Affiliation:	Date:
Received by: M. Clevenger (Signature) M. Clevenger Affiliation: LANL	Time: 3:25	Received by: (Signature): Affiliation:	Time:	Received by: (Signature): Affiliation:	Time:

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: ARS RAD Screening

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0287~~	~~01~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~ASBESTOS~~	
~~0816-01-0287~~	~~02~~		~~500 ml Polyehtylene~~	~~Soil~~	~~None~~	~~GAMMA SPEC+ISOU~~	
~~0816-01-0287~~	~~03~~		~~250 ml Glass~~	~~Soil~~	~~None~~	~~HEXP+PETN+DIOXIN~~	
~~0816-01-0287~~	~~04~~		~~250 ml Glass~~	~~Soil~~	~~None~~	~~METTCLP+PH+REACTIV~~	
0816-01-0293	01	6/29/01 10:48	125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0293	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0293	03		~~250 ml~~ Glass Amber	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0293	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0293	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0293	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
~~0816-01-0287~~	~~06~~		~~500 ml Amber Glass~~	~~Soil~~	~~Ice~~	~~SEMIN+PEST+PCB+HERB~~	
~~0816-01-0287~~	~~07~~		~~125 ml Septum Amber g~~	~~Soil~~	~~Ice~~	~~VOAGCMS~~	
~~0816-01-0288~~	~~01~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~ASBESTOS~~	
~~0816-01-0288~~	~~02~~		~~500 ml Polyehtylene~~	~~Soil~~	~~None~~	~~GAMMA SPEC+ISOU~~	
~~0816-01-0288~~	~~03~~		~~250 ml Glass~~	~~Soil~~	~~None~~	~~HEXP+PETN+DIOXIN~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0288	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0288	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0288	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0290	01		125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0290	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0290	03		250 ml Glass	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0290	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0290	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0290	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0291	01		125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0291	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0291	03		250 ml Glass	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0291	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0291	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0291	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0292	01		125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0292	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0292	03		250 ml Glass	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0292	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0292	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0292	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0294	01	6/29/01 10:50	125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0294	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0294	03		250 ml Glass Amber	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0294	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0294	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0294	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0295	01		125 ml Glass	Soil	Ice	ASBESTOS	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0295	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0295	03		250 ml Glass	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0295	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0295	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0295	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0289	01	6/29/01 10:25	125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0289	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0289	03		250 ml Glass Amber	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0289	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0289	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0289	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0296	01		125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0296	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0296	03		250 ml Glass	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0296	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0296	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0296	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 6/27/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:** LANL	**Time:** 3529	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0116~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0116~~	~~06~~		125 ml Polyethylene	Soil	Ice	~~VOCECORE~~	
0816-01-0116	07		~~5 gm Encore Container~~	~~Soil~~	Ice	VOCECORE	
~~0816-01-0116~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0116	05	6/29/01 11:10	125 ml Glass	Soil	Ice	SEMI	
0816-01-0116	02	6/29/01 11:10	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0116~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0116	03	6/29/01 11:10	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0116~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLR~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	Send Lab Report to	Richard Romero	Field Unit Leader	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		LANL Destination	SMO	Turnaround	30 days
OU Contact	Richard Romero	LANL Contact	Joylene Valdez	Lab Report Required	
Contact Phone No	(505) 665-4116	LANL Mail Stop		Charge Code	MR3R0331UMM0

Relinquished by: (Signature): J.Martinez/J.Salaz Affiliation: E-ER	Date: 6/29/01	Relinquished by: (Signature): Affiliation:	Date:	Relinquished by: (Signature): Affiliation:	Date:
Received by: (Signature): Mike Clevenger Affiliation: LANL	Time: 3:29	Received by: (Signature): Affiliation:	Time:	Received by: (Signature): Affiliation:	Time:

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0117~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0117	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0117	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0117~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0117	05	6/29/01 11:25	125 ml Glass	Soil	Ice	SEMI	
0816-01-0117	02	6/29/01 11:25	125 ml Glass	Soil	Ice	HEXP	J.S.
~~0816-01-0117~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0117	03	6/27/01 11:25	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0117~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	J.S.
~~0816-01-0118~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0118	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	J.S.
0816-01-0118	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0118~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0118	05	6/29/01 1:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0118	02	6/29/01 1:00	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0118	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0118	03	6/29/01 1:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0118	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0119	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0119	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0119	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0119	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0119	05	6/29/01 1:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0119	02	6/29/01 1:15	125 ml Glass	Soil	Ice	HEXP	
0816-01-0119	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0119	03	6/29/01 1:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0119	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0120	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0120	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0120	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0120	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0120	05	6/29/01 1:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0120	02	6/29/01 1:45	125 ml Glass	Soil	Ice	HEXP	
0816-01-0120	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0120	03	6/29/01 1:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0120	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0121	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0121	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0121	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0121	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0121	05	6/29/01 2:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0121	02	6/29/01 2:00	125 ml Glass	Soil	Ice	HEXP	
0816-01-0121	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0121	03	6/27/01 2:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0121~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0122	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0122	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0122	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0122~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0122	05	6/29/01 2:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0122	02	6/29/01 2:30	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0122~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0122	03	6/29/01 2:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0122~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0123	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0123	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0123	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0123	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0123	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0123	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0123	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0123	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0123	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0124	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0124	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0124	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0124	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0124	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0124	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0124	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0124	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0124	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0125	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0125	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0125	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0125	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0125	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0125	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0125	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0125	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0125	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0126	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0126	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0126	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0126	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0126	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0126	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0126	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0126	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0126	04		250 ml Amber Glass	Soil	None	METTCLP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
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Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/2/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1520	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0127~~	~~09~~	~~7/2/01 9:15~~	~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0127	06		125 ml Polyethylene	Soil	Ice	VOCECORE	hr
0816-01-0127	07		~~5 gm Encore Container-~~	~~Soil~~	Ice	VOCECORE	
~~0816-01-0127~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0127	05	7/2/01 9:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0127	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0127~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0127	03	7/2/01 9:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0127~~	~~04~~		250 ml Amber Glass	Soil	None	METTCLP	
~~0816-01-0128~~	~~09~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0128	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	hr
0816-01-0128	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0128~~	~~08~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0128	05	7/2/01 9:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0128	02	" "	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0128~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0128	03	7/2/01 9:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0128~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0129	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0129	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0129	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0129~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0129	05	7/2/01 9:51	125 ml Glass	Soil	Ice	SEMI	
0816-01-0129	02	9:51	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0129~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0129	03	7/2/01 9:51	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0129~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0130~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0130	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0130	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0130~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0130	05	7/2/01 10:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0130	02	10:00	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0130~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0130	03	7/2/01 10:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0130~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0131	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0131	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0131	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0131~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0131	05	7/2/01 10:07	125 ml Glass	Soil	Ice	SEMI	
0816-01-0131	02	10:07	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0131~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

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Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0131	03	7/02/01 10:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0131~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

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CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
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OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7201 **Time:** 1520	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0132~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0132	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0132	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0132~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0132	05	7/2/01 10:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0132	02	7/2/01 10:15	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0132~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0132	03	7/2/01 10:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0132~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0133	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0133	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0133	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0133~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0133	05	7/2/01 1026	125 ml Glass	Soil	Ice	SEMI	
0816-01-0133	02	" "	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

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Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0133~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0133	03	7/2/01 10:26	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0133~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0134	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0134	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0134	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0134~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0134	05	7/2/01 10:35	125 ml Glass	Soil	Ice	SEMI	
0816-01-0134	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0134~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0134	03	7/2/01 10:35	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0134	04		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0135~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0135	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0135	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0135~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0135	05	7/2/01 10:42	125 ml Glass	Soil	Ice	SEMI	
0816-01-0135	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0135~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0135	03	7/2/01 10:42	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0135~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0136	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0136	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0136	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0136~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0136	05	7/2/01 11:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0136	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0136~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

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Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0136	03	7/2/01 1115	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0136~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Original - LANL Destination

Yellow - RPF

Pink - FTL Copy

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Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7.2.01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 15:20	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0137	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0137	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0137	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0137	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0137	05	7/2/01 11:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0137	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0137	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0137	03	7/2/01 11:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0137	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0138	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0138	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0138	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0138	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0138	05	7/02/01 12:48	125 ml Glass	Soil	Ice	SEMI	
0816-01-0138	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	

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Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0138~~	01		250 ml Polyethylene	Soil	Ice	~~EPA300~~	
0816-01-0138	03	7/02/01 12:48	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0138~~	04		250 ml Amber Glass	Soil	None	~~METTCLP~~	
0816-01-0139	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0139	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0139	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0139~~	08		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0139	05	7/2/01 1:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0139	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0139~~	01		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0139	03	7/2/01 1:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0139~~	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0140	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0140	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0140	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0140~~	08		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0140	05	7/2/01 1:07	125 ml Glass	Soil	Ice	SEMI	
0816-01-0140	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0140~~	01		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0140	03	7/2/01 1:07	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0140~~	04		~~250 ml Amber Glass~~	Soil	None	METTCLP	
0816-01-0141	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0141	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0141~~	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0141~~	08		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0141	05	7/2/01 1:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0141	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0141~~	01		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0141	03	7/2/01 1.30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0141~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L Martinez/J Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7.20 **Time:** 15.25	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0142~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0142	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0142	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0142~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0142	05	7/2/01 1.40	125 ml Glass	Soil	Ice	SEMI	
0816-01-0142	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0142	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0142	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0142~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTGLP~~	
0816-01-0143	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0143	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
~~0816-01-0143~~	~~07~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0143~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0143	05	7/2/01 1.50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0143	02		125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0143	01	7/2/01 1:50	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0143	03	〃 〃	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0143~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0144	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0144~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0144	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0144~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0144	05	7/2/01 2:02	125 ml Glass	Soil	Ice	SEMI	
0816-01-0144	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0144	01	〃 〃	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0144	03	〃 〃	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0144~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0145	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0145~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0145	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0145~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0145	05	7/2/01 2:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0145	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0145	01	〃 〃	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0145	03	〃 〃	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0145~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0146	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0146~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0146	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0146~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0146	05	7/2/01 2:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0146	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0146	01	〃 〃	250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0146	03	7/2/01 2:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0146~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 7/03/01 **Time:** 3'15	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** [signature] **Affiliation:** SMO		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0147~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0147~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0147~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0147~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0147	05	7/3/01 9:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0147	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0147~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0147	03	7/3/01 9:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0147~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTGLP~~	
~~0816-01-0148~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0148~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0148~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0148~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0148	05	7/3/01 10:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0148	02	" "	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0148~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0148	03	7/3/01 10:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0148~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0149~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0149~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0149~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0149~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0149	05	7/3/01 10:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0149	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0149~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0149	03	7/3/01 10:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0149~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0150~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0150~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0150~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0150~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0150	05	7/3/01 10:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0150	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0150~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0150	03	7/3/01 10:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0150~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0151~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0151~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0151~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0151~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0151	05	7/3/01 11:10	125 ml Glass	Soil	Ice	SEMI	
0816-01-0151	02	" "	125 ml Glass	Soil	Ice	HEXP	
0816-01-0151	01	" "	250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0151	03	7/3/01 11:10	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0151~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 7/03/01 **Time:** 315	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** [signature] **Affiliation:** SMO		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0152~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0152	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0152	07		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0152~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0152	05	7/3/01 12:50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0152	02	" "	125 ml Glass	Soil	Ice	HEXP	
0816-01-0152	01	" "	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0152	03	" "	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0152~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0153	09		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0153	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0153	07		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0153~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0153	05	7/3/01 1:05	125 ml Glass	Soil	Ice	SEMI	
0816-01-0153	02	" "	125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0153	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0153	03	7/3/01 1:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0153	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0154	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0154	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0154	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0154	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0154	05	7/3/01 1:20	125 ml Glass	Soil	Ice	SEMI	
0816-01-0154	02	" 1:20	125 ml Glass	Soil	Ice	HEXP	
0816-01-0154	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0154	03	7/3/01 1:20	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0154	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0155	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0155	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0155	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0155	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0155	05	7/3/01 1:40	125 ml Glass	Soil	Ice	SEMI	
0816-01-0155	02	" 1:40	125 ml Glass	Soil	Ice	HEXP	
0816-01-0155	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0155	03	7/3/01 1:40	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0155	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0156	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0156	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0156	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0156	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0156	05	7/3/01 1:50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0156	02	" 1:50	125 ml Glass	Soil	Ice	HEXP	
0816-01-0156	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero K490	**Field Unit Leader**	Warren Neff (505)665-9259
Operable Unit	1082				
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0156	03	7/30/01 1:50	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0156~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Original - LANL Destination

Yellow - RPF

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 7/04/01 **Time:** 3'15	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** [signature] **Affiliation:** SMO		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0157~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0157	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	
0816-01-0157	07		5 gm Encore Container-	~~Soil~~	~~Ice~~	VOCECORE	
~~0816-01-0157~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0157	05	7/3/01 2:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0157	02		125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0157~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0157	03	7/3/01 2:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0157~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0158	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0158	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0158	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0158	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0158~~	~~05~~		125 ml Glass	Soil	Ice	~~SEMI~~	
~~0816-01-0158~~	~~02~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~HEXP~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0158	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0158	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0158	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0159	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0159	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0159	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0159	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0159	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0159	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0159	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0159	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0159	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0160	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0160	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0160	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0160	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0160	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0160	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0160	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0160	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0160	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0161	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0161	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0161	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0161	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0161	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0161	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0161	01		250 ml Polyethylene	Soil	Ice	EPA300	

None

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0161~~	~~03~~		~~125-ml Polyethylene~~	~~Soil~~	~~Ice~~	~~METTAL+HEXCR~~	
~~0816-01-0161~~	~~04~~		~~250-ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A lm
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 7/9/01 **Time:** 15.30	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** [signature] **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0162~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0162	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0162	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0162~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0162	05	7/9/01 915.	125 ml Glass	Soil	Ice	SEMI	
0816-01-0162	02	7/9/01 915	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0162~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0162	03	7/9/01 915	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0162~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0163	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0163	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0163	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0163~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0163	05	7/9/01 930	125 ml Glass	Soil	Ice	SEMI	
0816-01-0163	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0163	01	915	250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0163	03	7/9/01 930	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0163	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0164	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0164	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0164	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0164	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0164 ✓	05	7/9/01 950	125 ml Glass	Soil	Ice	SEMI	
0816-01-0164 ✓	02	7/9/01 950	125 ml Glass	Soil	Ice	HEXP	
0816-01-0164	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0164 ✓	03	7/9/01 950	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0164	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0166	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0166	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0166	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0166	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0166 ✓	05	7/9/01 1005	125 ml Glass	Soil	Ice	SEMI	
0816-01-0166 ✓	02	7/9/01 1005	125 ml Glass	Soil	Ice	HEXP	
0816-01-0166	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0166 ✓	03	7/9/01 1005	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0166	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0167	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0167	06		125 ml Polyethylene	Soil	Ice	VOCECORE	J.S.
0816-01-0167	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0167	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0167 ✓	05	7/9/01 1020	125 ml Glass	Soil	Ice	SEMI	
0816-01-0167 ✓	02	7/9/01 1020	125 ml Glass	Soil	Ice	HEXP	
0816-01-0167	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0167	03	7/9/01 1020	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0167~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** EES-6	**Date:** 7/9/01 **Time:** 1530	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0168~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0168	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0168	07		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
~~0816-01-0168~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0168 ✓	05	7/9/01 1035	125 ml Glass	Soil	Ice	SEMI	
0816-01-0168 ✓	02	7/9/01 1035	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0168~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0168 ✓	03	7/9/01 1035	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0168~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0169~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0169	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	
0816-01-0169	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0169~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0169 ✓	05	7/9/01 1045	125 ml Glass	Soil	Ice	SEMI	
0816-01-0169 ✓	02	7/9/01 1045	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0169	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0169	03	7/9/01 1045	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0169	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0170	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0170	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0170	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0170	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0170	05	7/9/01 1055	125 ml Glass	Soil	Ice	SEMI	
0816-01-0170	02	7/9/01 1055	125 ml Glass	Soil	Ice	HEXP	
0816-01-0170	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0170	03	7/9/01 1055	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0170	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0171	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0171	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0171	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0171	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0171	05	7/9/01 1105	125 ml Glass	Soil	Ice	SEMI	
0816-01-0171	02	7/9/01 1105	125 ml Glass	Soil	Ice	HEXP	
0816-01-0171	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0171	03	7/9/01 1105	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0171	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0172	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0172	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0172	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0172	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0172	05	7/9/01 1115	125 ml Glass	Soil	Ice	SEMI	
0816-01-0172	02	7/9/01 1115	125 ml Glass	Soil	Ice	HEXP	
0816-01-0172	01		250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0172	03	7/9/01 1115	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0172	04		250 ml Amber Glass	Soil	None	METTCLP	J.S.

Original - LANL Destination

Yellow - RPF

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/9/01 **Time:** 15:30	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0173	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0173	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0173	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0173	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0173	05	7/9/01 11:20	125 ml Glass	Soil	Ice	SEMI	
0816-01-0173	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0173	01	7/9/01 11:20	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0173	03	7/9/01 11:20	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0173	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0174	09		5 gm Encore Container	Soil	Ice	VOCECORE	
0816-01-0174	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0174	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0174	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0174	05	7/9/01 11:20	125 ml Glass	Soil	Ice	SEMI	
0816-01-0174	02	7/9/01 12:45	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0174	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0174	03	7/9/01 12:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0174	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0175	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0175	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0175	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0175	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0175	05	7/9/01 12:55	125 ml Glass	Soil	Ice	SEMI	
0816-01-0175	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0175	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0175	03	7/9/01 12:55	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0175	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0176	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0176	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0176	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0176	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0176	05	7/9/01 1:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0176	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0176	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0176	03	7/9/01 1:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0176	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0177	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0177	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0177	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0177	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0177	05	7/9/01 1:05	125 ml Glass	Soil	Ice	SEMI	
0816-01-0177	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0177	01		250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0177 ✓	03	7/9/01 1105	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0177	04		250 ml Amber Glass	Soil	None	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** EER	**Date:** 7/9/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 15:30	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0178~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0178	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	
0816-01-0178	07		~~5 gm Encore Container-~~	~~Soil~~	Ice	VOCECORE	
~~0816-01-0178~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0178	05	7/9/01 1:10	125 ml Glass	Soil	Ice	SEMI	
0816-01-0178	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0178~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0178	03	7/9/01 1:10	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0178~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0179	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0179~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	
0816-01-0179	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0179~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	VOCECORE	
0816-01-0179	05	7/9/01 1:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0179	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order/Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0179~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0179	03	7/9/01 1:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0179~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0180~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0180	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	
0816-01-0180	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0180~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0180	05	7/9/01 1:25	125 ml Glass	Soil	Ice	SEMI	
0816-01-0180	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0180~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0180	03	7/9/01 1:25	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0180~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0181	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0181	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0181	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0181~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0181	05	7/9/01 1:35	125 ml Glass	Soil	Ice	SEMI	
0816-01-0181	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0181~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0181	03	7/9/01 1:35	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0181~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	METTCLP	
~~0816-01-0182~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0182	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	
0816-01-0182	07		5 gm Encore Container-	~~Soil~~	~~Ice~~	VOCECORE	
~~0816-01-0182~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0182	05	7/9/01 1:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0182	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0182~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0182	03	7/9/01 1:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0182	04		250 ml Amber Glass	Soil	None	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A LM
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/9/01 **Time:** 15:30	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0183~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0183~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0183	07		~~5 gm Encore Container-~~	~~Soil~~	Ice	VOCECORE	1.5.
~~0816-01-0183~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0183 ✓	05	7/9/01 155	125 ml Glass	Soil	Ice	SEMI	
0816-01-0183 ✓	02	7/9/01 155	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0183~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	1.5.
0816-01-0183 ✓	03	7/9/01 155	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0183~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0184~~	~~09~~		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0184	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	1.5.
0816-01-0184	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0184~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0184 ✓	05	7/9/01 205	125 ml Glass	Soil	Ice	SEMI	
0816-01-0184 ✓	02	7/9/01 205	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	4,15'
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0184~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0184	03	7/9/01 205	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0184~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0185	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0185	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0185	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0185~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0185	05	7/9/01 210	125 ml Glass	Soil	Ice	SEMI	
0816-01-0185	02	7/9/01 210	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0185~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0185	03	7/9/01 210	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0185~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0186	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0186	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0186	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0186~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0186	05	7/9/01 215	125 ml Glass	Soil	Ice	SEMI	
0816-01-0186	02	215	125 ml Glass	Soil	Ice	HEXP	
0816-01-0186	01	215	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0186	03	215	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0186~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0187	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0187	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0187	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0187~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0187	05	7/9/01 220	125 ml Glass	Soil	Ice	SEMI	
0816-01-0187	02	7/9/01 220	125 ml Glass	Soil	Ice	HEXP	
0816-01-0187	01	7/9/01 220	250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A/C,
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0187	03	7/9/01 220	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0187	04		250 ml Amber Glass	Soil	None	METTCLP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** ESER	**Date:** 7/9/01 **Time:** 15:30	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0188~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0188	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0188	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0188~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0188	05	7/9/01 2:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0188	02	7/9/01 2:30	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0188~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0188	03	7/9/01 2:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0188~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0189~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0189	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0189	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0189	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0189	05		125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0189~~	~~02~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~HEXP~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0189	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0189	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0189	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0190	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0190	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0190	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0190	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0190	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0190	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0190	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0190	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0190	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0191	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0191	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0191	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0191	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0191	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0191	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0191	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0191	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0191	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0192	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0192	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0192	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0192	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0192	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0192	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0192	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0192	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0192	04		250 ml Amber Glass	Soil	None	METTCLP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/10/01 **Time:** 1435	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0123~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0123	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0123	07		5 gm Encore Container-	Soil	~~Ice~~	VOCECORE	
~~0816-01-0123~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0123	05	7/10/01 9:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0123	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0123~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0123	03	7/10/01 9:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0123~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTGLP~~	
0816-01-0124	09		5 gm Encore Container-	Soil	~~Ice~~	VOCECORE	
0816-01-0124	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0124	07		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
~~0816-01-0124~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0124	05	7/10/01 9:20	125 ml Glass	Soil	Ice	SEMI	
0816-01-0124	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0124	03	7/10/01 9:20	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0124~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0125	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0125	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0125	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0125~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0125	05	7/10/01 9:35	125 ml Glass	Soil	Ice	SEMI	
0816-01-0125	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0125~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0125	03	7/10/01 9:35	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0125~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0126	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0126	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0126	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0126~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0126	05	7/10/01 10:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0126	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0126~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0126	03	7/10/01 10:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0126~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Original - LANL Destination

Yellow - RPF

Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7.10.01 **Time:** 1435	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0158~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0158	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0158	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0158~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0158	05	7/10/01 10:20	125 ml Glass	Soil	Ice	SEMI	
0816-01-0158	02	〃 10:30	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0158~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0158	03	7/10/01 10:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0158~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0159	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0159	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0159	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0159~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0159	05	7/10/01 10:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0159	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0159~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0159	03	7/10/01 10:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0159~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0160	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0160	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0160	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0160~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0160	05	7/10/01 11:07	125 ml Glass	Soil	Ice	SEMI	
0816-01-0160	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0160	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0160	03	7/10/01 11:07	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0160~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0161	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0161	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0161	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0161~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0161	05	7/10/01 12:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0161	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0161~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0161	03	7/10/01 12:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0161~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Original - LANL Destination

Yellow - RPF

Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	Send Lab Report to	Richard Romero	Field Unit Leader	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		LANL Destination	SMO	Turnaround	30 days
OU Contact	Richard Romero	LANL Contact	Joylene Valdez	Lab Report Required	A
Contact Phone No	(505) 665-4116	LANL Mail Stop		Charge Code	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz (Signature): Affiliation: E/ER	Date: 7/10/01	Relinquished by: (Signature): Affiliation:	Date:	Relinquished by: (Signature): Affiliation:	Date:
Received by: (Signature): Affiliation:	Time: 1435	Received by: (Signature): Affiliation:	Time:	Received by: (Signature): Affiliation:	Time:

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0165~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0165	03	7/10/01 1:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0165~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0165	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0165	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0165	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0165~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0165	02	7/10/01 1:05	125 ml Glass	Soil	Ice	HEXP	
0816-01-0165	05	↓ ↓	125 ml Glass	Soil	Ice	SEMI	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: J.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7-10-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1435	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0193~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0193	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0193	07		~~5 gm Encore Container-~~	Soil	~~Ice~~	VOCECORE	
~~0816-01-0193~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0193	05	7/10/01 1:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0193	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0193~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0193	03	7/10/01 1:20	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0193~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0194	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0194	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0194~~	~~07~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0194~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0194	05	7/10/01 1.30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0194	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0194~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0194	03	7/10/01 1:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0194~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0195	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0195	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0195	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0195~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0195	05	7/10/01 1:40	125 ml Glass	Soil	Ice	SEMI	
0816-01-0195	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0195~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0195	03	7/10/01 1:46	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0195~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0196	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0196	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0196	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0196~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0196	05	7/10/01 1:50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0196	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0196~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0196	03	7/10/01 1:50	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0196~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0197	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0197	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0197	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0197~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0197~~	~~05~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~SEMI~~	
~~0816-01-0197~~	~~02~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~HEXP~~	
~~0816-01-0197~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0197	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0197	04		250 ml Amber Glass	Soil	None	METTCLP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: J.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/12/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 11:15	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: ARS RAD Screening

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0295	01	7/11/01 9:25	125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0295	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0295	03		500 ~~250~~ ml Glass Amber	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0295	04		~~500~~ 250 ml Glass ~~Amber~~	Soil	None	METTCLP+PH+REACTIV + metal + Hexcr	DR 07/12/01
0816-01-0295	06		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0295	07		125 ml Septum Amber g	Soil	Ice	VOAGCMS	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	Send Lab Report to	Richard Romero	Field Unit Leader	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		LANL Destination	SMO	Turnaround	30 days
OU Contact	Richard Romero	LANL Contact	Joylene Valdez	Lab Report Required	
Contact Phone No	(505) 665-4116	LANL Mail Stop		Charge Code	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz (Signature): Affiliation: E-ER	Date: 7.11.01	Relinquished by: (Signature): Affiliation:	Date:	Relinquished by: (Signature): Affiliation:	Date:
Received by: (Signature): Affiliation:	Time: 15:00	Received by: (Signature): Affiliation:	Time:	Received by: (Signature): Affiliation:	Time:

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: ARS RAD Screening

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0297	01	7/11/01 925	125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0297	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0297	03		~~500~~250 ml Glass Amber	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0297	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0297	05		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0297	06		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
~~0816-01-0298~~	~~01~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~ASBESTOS~~	
0816-01-0298	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0298	03		250 ml Glass	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0298	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV	
0816-01-0298	05		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0298	06		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0299	01		125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0299	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0299	03		250 ml Glass	Soil	None	HEXP+PETN+DIOXIN	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0299~~	~~04~~		~~250 ml Glass~~	Soil	~~None~~	~~METTCLP+PH+REACTIV~~	
~~0816-01-0299~~	~~05~~		~~500 ml Amber Glass~~	Soil	Ice	SEMIN+PEST+PCB+HERB	
~~0816-01-0299~~	~~06~~		~~125 ml Septum Amber g~~	Soil	Ice	VOAGCMS	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A/B
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Johnny Salaz **Affiliation:** E-ER	**Date:** 7-11-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** Joylene Valdez **Affiliation:**	**Time:** 1505	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0189~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0189	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0189	07		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	VOCECORE	J.S.
~~0816-01-0189~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0189	05	7/11/01 935	125 ml Glass	Soil	Ice	SEMI	
0816-01-0189	02	7/11/01 935	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0189~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	J.S.
0816-01-0189	03	7/11/01 935	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0189~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0190	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0190	06		125 ml Polyethylene	~~Soil~~	Ice	VOCECORE	
0816-01-0190	07		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	J.S.
~~0816-01-0190~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0190	05	9:40	125 ml Glass	Soil	Ice	SEMI	
0816-01-0190	02	7/11/01 9:40	125 ml Glass	Soil	Ice	HEXP OK	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A.4.5.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0190~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	~~A.4.5.~~
0816-01-0190	03	7/11/01 740	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0190~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0191	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0191~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	A.4.5.
0816-01-0191	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0191~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0191	05	7/11/01 945	125 ml Glass	Soil	Ice	SEMI	
0816-01-0191	02	7/11/01 945	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0191~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	A.4.5.
0816-01-0191	03	7/11/01 945	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0191~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0192	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0192~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	A.4.5.
0816-01-0192	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0192~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0192	05	7/11/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0192	02	7/11/01 1000	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0192~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0192	03	7/11/01 1000	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0192~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	A.4.5.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/11/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 15:10	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0198~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0198	06		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~VOCECORE~~ J.S.	
0816-01-0198	07		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0198~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0198	05	7/11/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0198	02	7/11/01 1000	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0198~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ J.S.	
0816-01-0198	03	7/11/01 1000	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0198~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0199	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0199	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE J.S.	
0816-01-0199	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0199~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0199	05	7/11/01 1015	125 ml Glass	Soil	Ice	SEMI	
0816-01-0199	02	7/11/01 1015	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	○
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0199	01	7/11/01 1015	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0199	03	7/11/01 1015	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0199~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0200	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0200	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0200	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0200~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0200	05	7/11/01 1030	125 ml Glass	Soil	Ice	SEMI	
0816-01-0200	02	7/11/01 1030	125 ml Glass	Soil	Ice	HEXP	
0816-01-0200	01	7/11/01 1030	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0200	03	7/11/01 1030	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0200~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0201	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0201	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0201	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0201~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0201	05	7/11/01 1045	125 ml Glass	Soil	Ice	SEMI	
0816-01-0201	02	7/11/01 1045	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0201~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0201	03	7/11/01 1045	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0201~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0202	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0202	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0202	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0202~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0202	05	7/11/01 1045	125 ml Glass	Soil	Ice	SEMI	
0816-01-0202	02	7/11/01 1045	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0202~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	4/15.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0202	03	7/11/01 1100	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0202~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Original - LANL Destination

Yellow - RPF

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A/E.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: (Signature): L.Martinez/J.Salaz **Affiliation:** E-ER	**Date:** 7-11-01 **Time:** 1510	**Relinquished by:** (Signature): **Affiliation:**	**Date:**	**Relinquished by:** (Signature): **Affiliation:**	**Date:**
Received by: (Signature): Joylene Valdez **Affiliation:**		**Received by:** (Signature): **Affiliation:**	**Time:**	**Received by:** (Signature): **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0203~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0203	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0203	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0203~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0203	05	7/11/01 1:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0203	02	7/11/01 1:00	125 ml Glass	Soil	Ice	HEXP	
0816-01-0203	01	7/11/01 1:00	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0203	03	7/11/01 1:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0203~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0204	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0204	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0204~~	~~07~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0204~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0204	05	7/11/01 1:25	125 ml Glass	Soil	Ice	SEMI	
0816-01-0204	02	7/11/01 1:25	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3[illegible]0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0204	01	7/11/01 1:25	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0204	03	7/11/01 1:25	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0204~~	~~04~~		~~250 ml Amber Glass~~	Soil	~~None~~	~~METTCLP~~	
0816-01-0205	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0205	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0205	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0205~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0205	05	7/11/01 1:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0205	02	7/11/01 1:30	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0205~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0205	03	7/11/01 1:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0205~~	~~04~~		~~250 ml Amber Glass~~	Soil	~~None~~	~~METTCLP~~	
0816-01-0206	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0206	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0206	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0206~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0206	05	7/11/01 1:35	125 ml Glass	Soil	Ice	SEMI	
0816-01-0206	02	7/11/01 1:35	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0206~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0206	03	7/11/01 1:35	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0206~~	~~04~~		~~250 ml Amber Glass~~	Soil	~~None~~	~~METTCLP~~	
0816-01-0207	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0207	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0207	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0207~~	~~08~~		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0207	05	7/11/01 1:50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0207	02	7/11/01 1:50	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0207~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	H.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0207	03	7/11/01 1:50	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0207	04		250 ml Amber Glass	Soil	None	METTCLP	

J.S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/3/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1115	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0208~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0208	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0208	07		~~5 gm Encore Container~~	~~Soil~~	Ice	VOCECORE	
~~0816-01-0208~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0208	05	7/2/01 0915	125 ml Glass	Soil	Ice	SEMI	
0816-01-0208	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0208~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0208	03	7/2/01 1145	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0208	04		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0209	09		5 gm Encore Container	Soil	Ice	VOCECORE	
0816-01-0209	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0209	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0209~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0209	05	7/2/01 0930	125 ml Glass	Soil	Ice	SEMI	
0816-01-0209	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0209	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0209	03	7/12/01 9:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0209	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0210	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0210	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0210	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0210	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0210	05	7/12/01 9:07	125 ml Glass	Soil	Ice	SEMI	
0816-01-0210	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0210	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0210	03	7/12/01 9:07	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0210	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0211	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0211	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0211	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0211	08		5 gm Encore Container	Soil	Ice	VOCECORE	
0816-01-0211	05	7/12/01 9:20	125 ml Glass	Soil	Ice	SEMI	
0816-01-0211	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0211	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0211	03	7/12/01 9:20	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0211	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0212	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0212	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0212	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0212	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0212	05	7/12/01 9:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0212	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
0816-01-0212	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0212	03	7/12/01 1:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0212	04		250 ml Amber Glass	Soil	None	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Leo Martinez **Affiliation:** E-ER	**Date:** 7-12-01 **Time:** 1125	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0213~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0213	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0213	07		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	VOCECORE	
~~0816-01-0213~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0213	05	7/12/01 9:35	125 ml Glass	Soil	Ice	SEMI	
0816-01-0213	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0213~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0213	03	7/12/01 9:35	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0213	04		250 ml Amber Glass	Soil	None	METTCLP	
~~0816-01-0214~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0214	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0214	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0214~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0214	05	7/12/01 9:47	125 ml Glass	Soil	Ice	SEMI	
0816-01-0214	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0214	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0214	03	7/12/01 9:47	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0214	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0215	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0215	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0215	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0215	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0215	05	7/12/01 9:59	125 ml Glass	Soil	Ice	SEMI	
0816-01-0215	02	" "	125 ml Glass	Soil	Ice	HEXP	
0816-01-0215	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0215	03	7/12/01 9:58	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0215	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0216	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0216	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0216	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0216	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0216	05	7/12/01 10:06	125 ml Glass	Soil	Ice	SEMI	
0816-01-0216	02	" "	125 ml Glass	Soil	Ice	HEXP	
0816-01-0216	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0216	03	7/12/01 10:06	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0216	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0217	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0217	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0217	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0217	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0217	05	7/12/01 10:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0217	02	" "	125 ml Glass	Soil	Ice	HEXP	
0816-01-0217	01		250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0217	03	9/12/01 10:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0217~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days A RD
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/12/01 **Time:** 1125	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0218	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0218	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0218	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0218	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0218	05	10:25 7/11/01	125 ml Glass	Soil	Ice	SEMI	
0816-01-0218	02	10:25 7/11/01	125 ml Glass	Soil	Ice	HEXP	
0816-01-0218	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0218	03	10:25 7/11/01	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0218	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0219	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0219	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0219	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0219	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0219	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0219	02		125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A R D
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0219	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0219	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0219	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0220	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0220	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0220	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0220	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0220	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0220	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0220	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0220	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0220	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0221	09		5 gm Encore Container-	Soil	Ice	VOCECORE	VOID
0816-01-0221	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0221	07		5 gm Encore Container-	Soil	Ice	VOCECORE	RR 9/11/01
0816-01-0221	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0221	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0221	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0221	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0221	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0221	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0222	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0222	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0222	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0222	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0222	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0222	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0222	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A (1-0)
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0222	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0222	04		250 ml Amber Glass	Soil	None	METTCLP	RR 07/11/01

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7-13-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1500	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0219~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0219	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0219	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0219~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0219	05	7/13/01 10:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0219	02	〃 〃	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0219~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0219	03	7/13/01 10:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0219~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0220	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0220	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0220	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0220~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0220	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0220	02		125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A LM
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0220	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0220	03	7/13/01 1016	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0220	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0221	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0221	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0221	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0221	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0221	05	7/13/01 1030	125 ml Glass	Soil	Ice	SEMI	
0816-01-0221	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0221	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0221	03	7/13/01 1030	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0221	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0222	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0222	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0222	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0222	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0222	05	7/13/01 1045	125 ml Glass	Soil	Ice	SEMI	
0816-01-0222	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0222	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0222	03	7/13/01 1045	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0222	04		250 ml Amber Glass	Soil	None	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A Vm
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L. Martinez/J. Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/30/01 **Time:** 1500	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0223~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0223	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0223	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0223~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0223	05	7/13/01 11:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0223	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0223~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0223	03	7/13/01 11:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0223~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0224	09		5 gm Encore Container	Soil	Ice	VOCECORE	
0816-01-0224	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
~~0816-01-0224~~	~~07~~		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0224~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0224	05	7/13/01 11:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0224	02	" "	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0224~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0224	03	7/13/01 11:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0224~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0225	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0225	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0225	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0225~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0225	05	7/13/01 11:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0225	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0225~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0225	03	7/13/01 11:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0225~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0226	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0226	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0226	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0226~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0226	05	7/13/01 11:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0226	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0226~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0226	03	7/13/01 11:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0226~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0227	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0227	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0227	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0227~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0227	05	7/13/01 12:00	125 ml Glass 12:00	Soil	Ice	SEMI	
0816-01-0227	02	" "	125 ml Glass "	Soil	Ice	HEXP	
0816-01-0227	01		250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A Lm
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0227	03	7/13/01 12:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0227	04		250 ml Amber Glass	Soil	None	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A L S
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: J.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/30/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: O Jackson **(Signature):** **Affiliation:**	**Time:** 1500	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0228	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0228	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0228	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0228	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0228	05	7/13/01 1200	125 ml Glass	Soil	Ice	SEMI	
0816-01-0228	02	7/13/01 1200	125 ml Glass	Soil	Ice	HEXP	
0816-01-0228	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0228	03	7/13/01 1200	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0228	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0229	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0229	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0229	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0229	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0229	05	7/13/01 1245	125 ml Glass	Soil	Ice	SEMI	
0816-01-0229	02	7/13/01 1245	125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0229	01		250 ml Polyethylene	Soil	Ice	EPA300	A.S.
0816-01-0229	03	7/13/01 125	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0229	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0230	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0230	06		125 ml Polyethylene	Soil	Ice	VOCECORE	A.S.
0816-01-0230	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0230	08	7/13/01 145	5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0230	05	7/13/01 145	125 ml Glass	Soil	Ice	SEMI	
0816-01-0230	02	7/13/01 145	125 ml Glass	Soil	Ice	HEXP	
0816-01-0230	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0230	03	7/13/01 145	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0230	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0231	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0231	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0231	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0231	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0231	05	7/13/01 155	125 ml Glass	Soil	Ice	SEMI	
0816-01-0231	02	7/13/01 155	125 ml Glass	Soil	Ice	HEXP	
0816-01-0231	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0231	03	7/13/01 155	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0231	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0232	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0232	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0232	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0232	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0232	05	7/13/01 205	125 ml Glass	Soil	Ice	SEMI	
0816-01-0232	02	7/13/01 205	125 ml Glass	Soil	Ice	HEXP	
0816-01-0232	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	H.A.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0232	03	7/13/01 1205	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0232~~	~~04~~		~~250-ml-Amber-Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	LM
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** EER	**Date:** 7/13/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1500	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0233~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0233	06		125 ml Polyethylene	Soil	Ice	VOCECORE LM	
0816-01-0233	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0233~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0233	05	7/13/01 2:10	125 ml Glass	Soil	Ice	SEMI	
0816-01-0233	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0233~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ LM	
0816-01-0233	03	7/13/01 2:10	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0233~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0234~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	Ice	VOCECORE	
0816-01-0234	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE LM	
~~0816-01-0234~~	~~07~~		~~5 gm Encore Container~~	~~Soil~~	Ice	VOCECORE	
~~0816-01-0234~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0234	05	7/13/01 2:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0234	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0234	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0234	03	7/13/01 215	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0234	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0235	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0235	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0235	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0235	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0235	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0235	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0235	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0235	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0235	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0236	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0236	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0236	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0236	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0236	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0236	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0236	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0236	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0236	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0237	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0237	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0237	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0237	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0237	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0237	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0237	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0237~~	~~03~~ 7/23/01		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~METTAL+HEXCR~~	
~~0816-01-0237~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

VOID

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A J S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/16/01 **Time:** 14:00	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0238~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
~~0816-01-0238~~	~~06~~		~~125 ml Polyethylene~~	~~Soil~~	~~Ice~~	VOCECORE	
0816-01-0238	07		~~5 gm Encore Container~~	~~Soil~~	Ice	VOCECORE J.S.	
~~0816-01-0238~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0238	05	7/16/01 9:05	125 ml Glass	Soil	Ice	SEMI	
0816-01-0238	02	7/16/01 9:05	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0238~~	~~01~~	7/16/01	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ J.S.	
0816-01-0238	03	7/16/01 9:05	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0238~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0239	09		5 gm Encore Container~~	Soil	Ice	VOCECORE	
0816-01-0239	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE J.S.	
0816-01-0239	07		5 gm Encore Container~~	Soil	Ice	VOCECORE	
~~0816-01-0239~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0239	05	7/16/01 930	125 ml Glass	Soil	Ice	SEMI	
0816-01-0239	02	7/16/01 730	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A.F.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0239~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ A.F.S.	
0816-01-0239	✓03	7/16/01 930	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0239~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0240~~	~~09~~		5 gm Encore Container-	~~Soil~~	Ice	VOCECORE	
0816-01-0240	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE A.F.S.	
0816-01-0240	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0240~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	VOCECORE	
0816-01-0240	✓05	7/16/01 730	125 ml Glass	Soil	Ice	SEMI	
0816-01-0240	✓02	7/16/01 930	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0240~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0240	✓03	7/16/01 930	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0240~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0241	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0241	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0241	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0241~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0241	✓05	7/16/01 950	125 ml Glass	Soil	Ice	SEMI	
0816-01-0241	✓02	7/16/01 950	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0241~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0241	✓03	7/16/01 950	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0241~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0242	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0242	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0242	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0242~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0242	✓05	7/16/01 1010	125 ml Glass	Soil	Ice	SEMI	
0816-01-0242	✓02	7/16/01 1010	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0242~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A L.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0242 ✓	03	7/16/01 1010	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0242~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ L.S.	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	H F.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/16/01 **Time:** 14:00	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0243~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0243	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0243	07		5 gm Encore Container-	Soil	Ice	VOCECORE	F.S.
~~0816-01-0243~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0243	05	7/16/01 1030	125 ml Glass	Soil	Ice	SEMI	
0816-01-0243	02	7/16/01 1030	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0243~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	F.S.
0816-01-0243	03	7/16/01 1030	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0243~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTGLR~~	
0816-01-0244	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0244	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0244	07		5 gm Encore Container-	Soil	Ice	VOCECORE	F.S.
~~0816-01-0244~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0244	05	7/16/01 1055	125 ml Glass	Soil	Ice	SEMI	
0816-01-0244	02	7/16/01 1055	125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A 4.5.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0244~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ 4.5.	
0816-01-0244	03	7/16/01 1055	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0244~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTGLP~~	
~~0816-01-0245~~	~~09~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0245	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE 4.5.	
0816-01-0245	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0245~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0245	05	7/16/01 1120	125 ml Glass	Soil	Ice	SEMI	
0816-01-0245	02	7/16/01 11:20	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0245~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ 4.5.	
0816-01-0245	03	7/16/01 11:20	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0245~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTGLP~~	
0816-01-0246	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0246	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE 4.5.	
0816-01-0246	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0246~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0246	05	7/16/01 1245	125 ml Glass	Soil	Ice	SEMI	
0816-01-0246	02	7/16/01 1245	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0246~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0246	03	7/16/01 1245	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0246~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTGLP~~	
0816-01-0247	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0247	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0247	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0247	08		5 gm Encore Container-	Soil	Ice	VOCECORE 4.5.	
0816-01-0247	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0247	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0247	01		250 ml Polyethylene	Soil	Ice	EPA300	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A45
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0247~~	~~03~~		125 ml Polyethylene	Soil	~~Ice~~	METTAL+HEXCR	
~~0816-01-0247~~	~~04~~		250 ml Amber Glass	Soil	~~None~~	~~METTCLP~~	

F.S.

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3P0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7-17-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1115	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0235~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0235	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0235	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0235~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0235	05	7/17/01 9:50	125 ml Glass	Soil	Ice	SEMI	
0816-01-0235	02	7/17/01 9:50	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0235~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	Ice	~~EPA300~~	
0816-01-0235	03	7/17/01 9:50	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0235~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0236	09		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0236	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0236	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0236~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0236	05	7/17/01 9:15	125 ml Glass	Soil	Ice	SEMI	
0816-01-0236	02	7/17/01 9:15	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0236	03	7/17/01 9:15	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0236~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0237	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0237	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0237	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0237~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0237	05	7/17/01 9:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0237	02	" "	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0237~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0237	03	7/17/01 9:30	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0237	04		250 ml Amber Glass	Soil	None	METTCLP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/17/01 **Time:** 1115	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0247~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0247	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0247	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0247~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0247	05	7/17/01 9:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0247	02	9:45	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0247~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0247	03	7/17/01 9:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0247~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/12/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 10:35	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: ARS RAD Screening

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0340	01	7/11/01 8:00	125 ml Glass	Soil	Ice	REACTIVE CYANIDE+SULFIDE	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A L.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 7/24/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: [signature] **(Signature):** **Affiliation:** LANL	**Time:** 14:37	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0248~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0248	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0248	07		5 gm Encore Container-	Soil	~~Ice~~	VOCECORE	L.S.
~~0816-01-0248~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0248	05	7/24/01 930	125 ml Glass	Soil	Ice	SEMI	
0816-01-0248	02	7/24/01 930	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0248~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	L.S.
0816-01-0248	03	7/24/01 930	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0248~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0249	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0249	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0249	07		5 gm Encore Container-	Soil	Ice	VOCECORE	L.S.
~~0816-01-0249~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0249	05	7/24/01 946	125 ml Glass	Soil	Ice	SEMI	
0816-01-0249	02	7/24/01 945	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A ~~A~~ S
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0249	01	7/24/01 845	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0249	03	7/24/01 845	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS	yL -7/24/01
~~0816-01-0249~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0250	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0250	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0250	07		5 gm Encore Container-	Soil	Ice	VOCECORE	-5.
~~0816-01-0250~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0250	05	7/24/01 9:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0250	02	7/24/01	125 ml Glass	Soil	Ice	HEXP	
0816-01-0250	01	7/24/01	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0250	03	7/24/01	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS	yL -7/24/01
~~0816-01-0250~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0251	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0251	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0251	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0251~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0251	05	7/24/01 915	125 ml Glass	Soil	Ice	SEMI	
0816-01-0251	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0251	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0251	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS	L -7/24/01
~~0816-01-0251~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0252	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0252	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0252	07		5 gm Encore Container-	Soil	Ice	VOCECORE	5.
~~0816-01-0252~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0252	05	7/24/01 9:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0252	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0252	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A ~~F~~ S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0252	03	7/24/01 1730	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS	8/24/01
~~0816-01-0252~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A # 5.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/24/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:** LANL	**Time:** 14:39	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0253~~	09		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0253	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0253	07		5 gm Encore Container-	Soil	Ice	VOCECORE	# 5.
~~0816-01-0253~~	08		~~5 gm Encore Container-~~	Soil	Ice	~~VOCECORE~~	
0816-01-0253	05	7/24/01 950	125 ml Glass	Soil	Ice	SEMI	
0816-01-0253	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0253	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0253	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS	
~~0816-01-0253~~	04		~~250 ml Amber Glass~~	Soil	None	~~METTCLP~~	
0816-01-0254	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0254	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0254	07		5 gm Encore Container-	Soil	Ice	VOCECORE	# 5.
~~0816-01-0254~~	08		~~5 gm Encore Container-~~	Soil	Ice	VOCECORE	
0816-01-0254	05	7/24/01 1020	125 ml Glass	Soil	Ice	SEMI	
0816-01-0254	02	↓	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A J.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0254	01	7/24/01 1020	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0254	03	7/24/01 1020	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS 7/24/01	
~~0816-01-0254~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0255	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0255	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0255	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0255~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0255	05	7/24/01 1100	125 ml Glass	Soil	Ice	SEMI	
0816-01-0255	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0255	01	↓	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0255	03	↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS 7/24/01	
~~0816-01-0255~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0256	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0256	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
~~0816-01-0256~~	~~07~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0256~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0256	05	7/24/01 1100	125 ml Glass	Soil	Ice	SEMI	
0816-01-0256	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0256	01	↓	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0256	03	↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0256~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0257	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0257	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0257	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0257~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0257	05	7/24/01 1120	125 ml Glass	Soil	Ice	SEMI	
0816-01-0257	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0257	01	↓	250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
Q816-01-0257	03	7/24/01 1120	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS	7/24/01
~~0816-01-0257~~	~~04~~		~~250 ml Amber Glass~~	Soil	None	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 7/24/01 **Time:** 14:40	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: M. Clavette **(Signature):** [signature] **Affiliation:** LANL		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0258~~	~~09~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0258	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	E.S.
~~0816-01-0258~~	~~07~~		5 gm Encore Container-	Soil	~~Ice~~	~~VOCECORE~~	
~~0816-01-0258~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	Ice	VOCECORE	
0816-01-0258	05	7/24/01 1020	125 ml Glass	Soil	Ice	SEMI	
0816-01-0258	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0258	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0258	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR + TCLP METALS	8/07/01
~~0816-01-0258~~	~~04~~		250 ml Amber Glass	Soil	None	~~METTCLP~~	
0816-01-0259	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0259	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	E.S.
~~0816-01-0259~~	~~07~~		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
~~0816-01-0259~~	~~08~~		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0259	05	7/24/01 105	125 ml Glass	Soil	Ice	SEMI	
0816-01-0259	02	↓ 105	125 ml Glass	Soil	Ice	HEXP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A ~~A~~ 1.5.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0259~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	1.5.
0816-01-0259	03	7/24/01 105	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0259~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0260	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0260	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0260	07		5 gm Encore Container-	Soil	Ice	VOCECORE	1.5.
~~0816-01-0260~~	~~08~~		~~5 gm Encore Container-~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0260	05	7/24/01 110	125 ml Glass	Soil	Ice	SEMI	
0816-01-0260	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0260~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	1.5.
0816-01-0260	03	7/24/01 110	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0260~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	None	METTCLP	
0816-01-0261	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0261	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0261	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0261	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0261	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0261	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0261	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0261	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	1.5.
0816-01-0261	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0262	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0262	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0262	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0262	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0262	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0262	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0262	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A J.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0262~~	~~03~~		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0262	04		250 ml Amber Glass	Soil	None	METTCLP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/25/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1025	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0263~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0263	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0263	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0263~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0263	05	7/25/01 830	125 ml Glass	Soil	Ice	SEMI	
0816-01-0263	02	7/25/01 830	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0263~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0263	03	7/25/01 830	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0263~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0264	09		5 gm Encore Container	Soil	Ice	VOCECORE	
0816-01-0264	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0264	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0264~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0264	05	7/25/01 830	125 ml Glass	Soil	Ice	SEMI	
0816-01-0264	02	7/25/01 830	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A, T.S.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0264	01	7/25/01 830	250 ml Polyethylene	Soil	Ice	EPA300	T.S.
0816-01-0264	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0264	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0265	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0265	06		125 ml Polyethylene	Soil	Ice	VOCECORE	T.S.
0816-01-0265	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0265	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0265	05	7/25/01 705	125 ml Glass	Soil	Ice	SEMI	
0816-01-0265	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0265	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0265	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0265	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0266	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0266	06		125 ml Polyethylene	Soil	Ice	VOCECORE	T.S.
0816-01-0266	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0266	08		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0266	05	7/25/01 930	125 ml Glass	Soil	Ice	SEMI	
0816-01-0266	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0266	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0266	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0266	04		250 ml Amber Glass	Soil	None	METTCLP	T.S.

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** [signature] **Affiliation:** E-ER	**Date:** 7/26/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: [signature] **(Signature):** **Affiliation:**	**Time:** 1400	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0301	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0301	03	7/26/01 845	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0301	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0300	05	7/26/01 845	125 ml Glass	Soil	Ice	SEMI	
0816-01-0300	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0300	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0300	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0300	03	7/26/01 845	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0304	05	↓ 1010	125 ml Glass	Soil	Ice	SEMI	
0816-01-0304	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0304	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0304	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0304	03	7/26/01 1010	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0305	01	7/26/01 1040	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0305	03	↓ ↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0305~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ ≠ S.	
0816-01-0305	02	7/26/01 1040	125 ml Glass	Soil	Ice	HEXP	
0816-01-0305	05	7/26/01 1040	125 ml Glass	Soil	Ice	SEMI	
0816-01-0306	05	7/26/01 1045	125 ml Glass	Soil	Ice	SEMI	
0816-01-0306	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0306	01		250 ml Polyethylene	Soil	Ice	EPA300	
~~0816-01-0306~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ ≠ S.	
0816-01-0306	03	7/26/01 1040	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0301	02	7/26/01 945	125 ml Glass	Soil	Ice	HEXP	
0816-01-0301	05	7/26/01 945	125 ml Glass	Soil	Ice	SEMI	
0816-01-0302	05	↓ 7:45	125 ml Glass	Soil	Ice	SEMI	
0816-01-0302	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0302	01		250 ml Polyethylene	Soil	Ice	EPA300	
~~0816-01-0302~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ ≠ S.	
0816-01-0302	03	7/26/01 945	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0303	01	↓ 955	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0303	03	↓ ↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0303~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ ≠ S.	
0816-01-0303	02	7/26/01 955	125 ml Glass	Soil	Ice	HEXP	
0816-01-0303	05	7/26/01 955	125 ml Glass	Soil	Ice	SEMI	
0816-01-0307	01	7/26/01 1050	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0307	03	↓ ↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0307~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ ≠ S.	
0816-01-0307	05	7/26/01 1050	125 ml Glass	Soil	Ice	SEMI	
0816-01-0307	02	7/26/01 1050	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0308~~	~~02~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~HEXP~~	
0816-01-0308	01		~~250 ml Polyethylene~~	Soil	Ice	EPA300 ≠ S.	
~~0816-01-0308~~	~~03~~		125 ml Polyethylene	~~Soil~~	~~Ice~~	~~METTAL+HEXCR~~	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0308	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0309	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0308	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0309	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0309	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0309	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0309	01		250 ml Polyethylene	Soil	Ice	EPA300	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/30/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1330	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0261~~	09		5 gm Encore Container-	Soil	Ice	~~VOCECORE~~	
0816-01-0261	06		125 ml Polyethylene	Soil	Ice	VOCECORE	
0816-01-0261	07		5 gm Encore Container	Soil	Ice	VOCECORE	
~~0816-01-0261~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0261	05	7/30/01 330	125 ml Glass	Soil	Ice	SEMI	
0816-01-0261	02	↓ ↓	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0261~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0261	03	7/30/01 830	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0261~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0262	09		5 gm Encore Container-	Soil	Ice	VOCECORE	
0816-01-0262	06		~~125 ml Polyethylene~~	Soil	Ice	VOCECORE	
0816-01-0262	07		5 gm Encore Container-	Soil	Ice	VOCECORE	
~~0816-01-0262~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	~~Ice~~	~~VOCECORE~~	
0816-01-0262	05	7/30/01 820	125 ml Glass	Soil	Ice	SEMI	
0816-01-0262	02	↓ 820	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0262 /	03	7/30/01 820	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0262~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A JS.
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/30/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1325	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0197~~	~~09~~		~~5 gm Encore Container~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0197	06		~~125 ml Polyethylene~~	~~Soil~~	Ice	VOCECORE	
0816-01-0197	07		~~5 gm Encore Container~~	~~Soil~~	Ice	VOCECORE	JS.
~~0816-01-0197~~	~~08~~		~~5 gm Encore Container~~	~~Soil~~	Ice	~~VOCECORE~~	
0816-01-0197	05	7/30/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0197	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0197	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0197	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0197~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	JS.

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7-30-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1530	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0308	02	7/30/01 845	125 ml Glass	Soil	Ice	HEXP	
0816-01-0308	01		250 ml Polyethylene	Soil	Ice	EPA300 25.	
0816-01-0308	03	7/30/01 845	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0308	04		250 ml Amber Glass	Soil	None	METTCLP 25.	
0816-01-0309	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0308	05	7/30/01 845	125 ml Glass	Soil	Ice	SEMI	
0816-01-0309	05	7/30/01 900	125 ml Glass	Soil	Ice	SEMI	
0816-01-0309	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0309	03	↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0309	01		250 ml Polyethylene	Soil	Ice	EPA300 25.	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** J Salazar **Affiliation:** E-ER	**Date:** 7.30.01 **Time:** 13:30	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:** **Time:**
Received by: **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**		**Received by:** **(Signature):** **Affiliation:**	

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0310	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0310	03	7/30/01 914	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0310	04		250 ml Amber Glass	Soil	None	METTCLP	J.S.
0816-01-0310	05	7/30/01 914	125 ml Glass	Soil	Ice	SEMI	J.S.
0816-01-0310	02	7/30/01 914	125 ml Glass	Soil	Ice	HEXP	
0816-01-0311	05	↓ 932	125 ml Glass	Soil	Ice	SEMI	
0816-01-0311	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0311	01		250 ml Polyethylene	Soil	Ice	EPA300	J.S.
0816-01-0311	03	7/30/01 932	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0311	04		250 ml Amber Glass	Soil	None	METTCLP	J.S.
0816-01-0312	03	7/30/01 940	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0312	04		250 ml Amber Glass	Soil	None	METTCLP	J.S.
0816-01-0312	05	7/30/01 940	125 ml Glass	Soil	Ice	SEMI	J.S.
0816-01-0312	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0312	02	7/3/01 940	125 ml Glass	Soil	Ice	HEXP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0313	05	7/30/01 745	125 ml Glass	Soil	Ice	SEMI	
0816-01-0313	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0313	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0313	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0313~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0314	03	7/30/01 950	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0314~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0314	05	7/30/01 950	125 ml Glass	Soil	Ice	SEMI	
0816-01-0314	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0314	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0315	05	955	125 ml Glass	Soil	Ice	SEMI	
0816-01-0315	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0315	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0315	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0315~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0316	03	7/30/01 1045	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0316~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0316	05	7/30/01 1045	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0316~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0316	02	7/30/01 1045	125 ml Glass	Soil	Ice	HEXP	
0816-01-0317	05	1050	125 ml Glass	Soil	Ice	SEMI	
0816-01-0317	02	1050	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0317~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0317	03	7/30/01 1050	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0317~~	~~04~~	~~1050~~	~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0318	03	7/30/01 1100	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0318~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0318	05	7/30/01 1100	125 ml Glass	Soil	Ice	SEMI	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0318~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0318	02	7/30/01 1100	125 ml Glass	Soil	Ice	HEXP	
0816-01-0319	05	7/30/01 1110	125 ml Glass	Soil	Ice	SEMI	
0816-01-0319	02	" 1110	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0319~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0319	03	7/30/01 1110	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0319~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** Salazar **Affiliation:** E-ER	**Date:** 1-30-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1325	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: ARS RAD Screening

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0298	01	7/30/01 1015	125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0298	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0298	03		500 ~~250~~ ml Glass Amber	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0298	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV +metal + Hex Cr (RR)	
0816-01-0298	05		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0298	06		125 ml Septum Amber g	Soil	Ice	VOAGCMS	
0816-01-0299	01	1020	125 ml Glass	Soil	Ice	ASBESTOS	
0816-01-0299	02		500 ml Polyehtylene	Soil	None	GAMMA SPEC+ISOU	
0816-01-0299	03		500 ~~250~~ ml Glass Amber	Soil	None	HEXP+PETN+DIOXIN	
0816-01-0299	04		250 ml Glass	Soil	None	METTCLP+PH+REACTIV +metal + Hex Cr (RR)	
0816-01-0299	05		500 ml Amber Glass	Soil	Ice	SEMIN+PEST+PCB+HERB	
0816-01-0299	06		125 ml Septum Amber g	Soil	Ice	VOAGCMS	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 7/31/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1120	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0320	03	7/31/01 840	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0320~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0320	05	7/31/01 840	125 ml Glass	Soil	Ice	SEMI	
0816-01-0320	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0320	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0321	05	845	125 ml Glass	Soil	Ice	SEMI	
0816-01-0321	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0321	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0321	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0321~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0322	03	7/31/01 900	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0322~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0322	05	7/31/01 900	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0322~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0322	02	7/31/01 900	125 ml Glass	Soil	Ice	HEXP	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0323	05	7/31/01 1200	125 ml Glass	Soil	Ice	SEMI	
0816-01-0323	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0323	01	↓	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0323	03	↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0323	04	↓	250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0324	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0324	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0324	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0324	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0324	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0325	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0325	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0325	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0325	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0325	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0326	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0326	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0326	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0326	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0326	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0327	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0327	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0327	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0327	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0327	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0328	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0328	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0328	05		125 ml Glass	Soil	Ice	SEMI	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0328	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0328	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0329	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0329	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0329	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0329	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0329	04		250 ml Amber Glass	Soil	None	METTCLP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 8-1-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1610	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 Perchlorate only

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0330	03	8/1/01 345	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0330~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0330	05	8/1/01 345	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0330~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0330	02	8/1/01 345	125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0337~~	~~05~~		~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~SEMI~~	
0816-01-0337	02		125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0337~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0337	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0337~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0338	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0338~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0339	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0339	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0339	04		250 ml Amber Glass	Soil	None	METTCLP	

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Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0338~~	~~05~~		125 ml Glass	Soil	Ice	~~SEMI~~	
~~0816-01-0338~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	EPA300 ≠ 5.	
~~0816-01-0338~~	~~02~~		~~125 ml Glass~~	Soil	Ice	~~HEXP~~	
0816-01-0331	05	8/1/01	850 125 ml Glass	Soil	Ice	SEMI	
0816-01-0331	02	↓	↓ 125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0331~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~ ≠ 5.	
0816-01-0331	03	8/1/01	850 125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0331~~	~~04~~		~~250 ml Amber Glass~~	Soil	None	~~METTCLP~~ ≠ 5	
0816-01-0332	03	8/1/01	905 125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0332~~	~~04~~		~~250 ml Amber Glass~~	Soil	None	~~METTCLP~~ ≠ 5	
0816-01-0332	05	8/1/01	1005 125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0332~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~ ≠ 5.	
0816-01-0332	02	8/1/01	1005 125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0333~~	~~05~~		~~125 ml Glass~~	Soil	Ice	~~SEMI~~	
0816-01-0333	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0333	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0333	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0333	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0334	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0334	04		250 ml Amber Glass	Soil	None	METTCLP ≠ 5.	
0816-01-0334	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0334	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0334	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0335	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0335	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0335	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0335	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0335	04		250 ml Amber Glass	Soil	None	METTCLP	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0336	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0336	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0336	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0336	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0336	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0339	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0339	05		125 ml Glass	Soil	Ice	SEMI	

Original - LANL Destination

Yellow - RPF

Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	A
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 8/30/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 10:35	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0267	01	8/9/01 1010	6 L Summa Canister	Air	None	SUMMAT	
0816-01-0268	01	1015	6 L Summa Canister	Air	None	SUMMAT	
0816-01-0269	01	1045	6 L Summa Canister	Air	None	SUMMAT	
0816-01-0270	01	11:00	6 L Summa Canister	Air	None	SUMMAT	
0816-01-0271	01	1105	6 L Summa Canister	Air	None	SUMMAT	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 8-13-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 10:35	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ **Highly Toxic**___
Flammable___ **Skin Irritant**___ **Non-Hazard**___ **Other**___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0273~~	~~01~~		~~6 L Summa Canister~~	~~Air~~	~~None~~	~~SUMMAT~~	
0816-01-0274	01		6 L Summa Canister	Air	None	SUMMAT	
0816-01-0275	01		6 L Summa Canister	Air	None	SUMMAT	
~~0816-01-0276~~	~~01~~		~~6 L Summa Canister~~	~~Air~~	~~None~~	~~SUMMAT~~	
0816-01-0272	01	8/7/01 210	6 L Summa Canister	Air	None	SUMMAT	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	Send Lab Report to	Richard Romero	Field Unit Leader	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		LANL Destination	SMO	Turnaround	30 days
OU Contact	Richard Romero	LANL Contact	Joylene Valdez	Lab Report Required	
Contact Phone No	(505) 665-4116	LANL Mail Stop		Charge Code	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz (Signature): Affiliation: E-ER	Date: 8/29/01	Relinquished by: (Signature): Affiliation:	Date:	Relinquished by: (Signature): Affiliation:	Date:
Received by: (Signature): Affiliation:	Time: 10:45	Received by: (Signature): Affiliation:	Time:	Received by: (Signature): Affiliation:	Time:

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0324	03	8/28/01 835	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0324~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ / 5.	
0816-01-0324	05	8/28/01 835	125 ml Glass	Soil	Ice	SEMI	
0816-01-0324	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0324	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0325	05	845	125 ml Glass	Soil	Ice	SEMI	
0816-01-0325	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0325	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0325	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0325~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ / 5.	
0816-01-0326	03	8/29/01 7:00	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0326~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~ / 15.	
0816-01-0326	05	8/29/01 1:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0326	01	" "	250 ml Polyethylene	Soil	Ice	EPA300	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0326	02	8/27/01 9:00	125 ml Glass	Soil	Ice	HEXP	
0816-01-0327	01	9:10	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0327	03	9:10	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0327~~	~~04~~	~~8/29/01 7:10~~	~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0327	02	8/29/01 7:10	125 ml Glass	Soil	Ice	HEXP	
0816-01-0327	05	9:10	125 ml Glass	Soil	Ice	SEMI	
0816-01-0328	03	9:20	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0328~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0328	05	8/24/01 9:20	125 ml Glass	Soil	Ice	SEMI	
0816-01-0328	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0328	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0329	05	9:30	125 ml Glass	Soil	Ice	SEMI	
0816-01-0329	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0329	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0329	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0329~~	~~04~~		~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 **days**
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 8/29/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 10:15	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0337	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0337	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0337	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0337	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0337	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0338	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0338	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0339	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0339	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0339	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0338	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0338	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0338	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0333	05		125 ml Glass	Soil	Ice	SEMI	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)
CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0333	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0333	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0333	03	3/29/01 945	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0333	04	↓ ↓	250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0334	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0334	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0334	05	3/29/01 10:00	125 ml Glass	Soil	Ice	SEMI	
0816-01-0334	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0334	02	3/29/01 10:00	125 ml Glass	Soil	Ice	HEXP	
0816-01-0335	05	↓ ↓	125 ml Glass	Soil	Ice	SEMI	
0816-01-0335	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0335	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0335	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0335	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0336	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0336	04		250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0336	05		125 ml Glass	Soil	Ice	SEMI	
0816-01-0336	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0336	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0339	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0339	05		125 ml Glass	Soil	Ice	SEMI	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	Send Lab Report to	Richard Romero	Field Unit Leader	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date	09/06/01	LANL Destination	SMO	Turnaround	30 days
OU Contact	Richard Romero	LANL Contact	Joylene Valdez	Lab Report Required	10/06/01
Contact Phone No	(505) 665-4116	LANL Mail Stop		Charge Code	MR3A0331UMM0

Relinquished by: (Signature): J.Martinez/J.Salaz Affiliation: E-ER	Date:	Relinquished by: (Signature): Affiliation:	Date:	Relinquished by: (Signature): Affiliation:	Date:
Received by: (Signature): Affiliation:	Time:	Received by: (Signature): Affiliation:	Time:	Received by: (Signature): Affiliation:	Time:

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0335	01	09/06/01 1000	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0335	02	09/06/01 1000	125 ml Glass	Soil	Ice	HEXP	
0816-01-0335	03	09/06/01 1000	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0335	04	09/06/01 1000	250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0335	05	09/06/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0336	01	09/06/01 1005	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0336	02	09/06/01 1005	125 ml Glass	Soil	Ice	HEXP	
0816-01-0336	03	09/06/01 1005	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0336	04	09/06/01 1005	250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0336	05	09/06/01 1005	125 ml Glass	Soil	Ice	SEMI	
0816-01-0337	01	09/06/01 1015	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0337	02	09/06/01 1015	125 ml Glass	Soil	Ice	HEXP	
0816-01-0337	03	09/06/01 1015	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0337	04	09/06/01 1015	250 ml Amber Glass	Soil	None	METTCLP	
0816-01-0337	05	09/06/01 1015	125 ml Glass	Soil	Ice	SEMI	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	Send Lab Report to	Richard Romero	Field Unit Leader	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date	09/06/01	LANL Destination	SMO	Turnaround	30 days
OU Contact	Richard Romero	LANL Contact	Joylene Valdez	Lab Report Required	10/06/01
Contact Phone No	(505) 665-4116	LANL Mail Stop		Charge Code	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected		Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0338~~	~~01~~	~~"~~	~~"~~	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0338	02	09/06/01	1020	125 ml Glass	Soil	Ice	HEXP	
0816-01-0338	03	09/06/01	1020	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0338~~	~~04~~	~~09/06/01~~	~~1020~~	~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
0816-01-0338	05	09/06/01	1020	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0339~~	~~01~~	~~09/06/01~~	~~1030~~	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0339	02	09/06/01	1030	125 ml Glass	Soil	Ice	HEXP	
0816-01-0339	03	09/06/01	1030	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0339~~	~~04~~	~~09/06/01~~	~~1030~~	~~250 ml Amber Glass~~	~~Soil~~	~~None~~	~~METTCLP~~	
~~0816-01-0339~~	~~05~~	~~09/06/01~~	~~1030~~	~~125 ml Glass~~	~~Soil~~	~~Ice~~	~~SEMI~~	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 9-6-01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1120	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 Perchlorate only send to GEL

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0352	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0352	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0353	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0353	04		125 ml Glass	Soil	Ice	SEMI	
0816-01-0351	02	9/6/01 1040	125 ml Glass	Soil	Ice	HEXP	
0816-01-0351	04		125 ml Glass	Soil	Ice	SEMI	
0816-01-0351	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0352	04		125 ml Glass	Soil	Ice	SEMI	
0816-01-0352	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0351	03	9/6/01 1040	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0355	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0354	01		250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0354	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0355	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0355	04		125 ml Glass	Soil	Ice	SEMI	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0355~~	03		125 ml Polyethylene	Soil	Ice	METTAL+~~HEXCR~~	
0816-01-0353	01		250 ml Polyethylene	Soil	~~Ice~~	EPA300	
0816-01-0353	03		~~125 ml Polyethylene~~	Soil	Ice	METTAL+HEXCR	
0816-01-0354	02		125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0354~~	04		125 ml Glass	Soil	Ice	~~SEMI~~	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** EER	**Date:** 9/13/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 14:10	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0279	01	9/13/01 1205	6 L Summa Canister	Air	None	SUMMAT	
~~0816-01-0280~~	~~01~~		~~6 L Summa Canister~~	~~Air~~	~~None~~	~~SUMMAT~~	
~~0816-01-0281~~	~~01~~		~~6 L Summa Canister~~	~~Air~~	~~None~~	~~SUMMAT~~	
0816-01-0278	01	9/13/01 1140	6 L Summa Canister	Air	None	SUMMAT	
0816-01-0277	01	9/13/01 11:05	6 L Summa Canister	Air	None	SUMMAT	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 10/10/01 **Time:** 1526	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:** ITCORP		**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0285~~	~~01~~		~~6 L Summa Canister~~	~~Air~~	~~None~~	~~SUMMAT~~	
~~0816-01-0286~~	~~01~~		~~6 L Summa Canister~~	~~Air~~	~~None~~	~~SUMMAT~~	
0816-01-0282	01	10/10/01 1345	6 L Summa Canister	Air	None	SUMMAT	
0816-01-0284	01	↓ 1410	6 L Summa Canister	Air	None	SUMMAT	
0816-01-0283	01	↓ 1439	6 L Summa Canister	Air	None	SUMMAT	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	MR3R0331 ULMB
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	~~MR3A0331UMM0~~ 25.

Relinquished by: L.Martinez/J.Salaz **(Signature):** J. Salaz **Affiliation:** E-ER	**Date:** 11.13.01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 11:40	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments: EPA300 Perchlorate only send to GEL

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0360~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ 25.	
0816-01-0360	03	11/13/01 1015	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
~~0816-01-0359~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ 25.	
0816-01-0359	03	11/13/01 1000	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0360	02	11/13/01 1015	125 ml Glass	Soil	Ice	HEXP	
0816-01-0360	04	11/13/01 1015	125 ml Glass	Soil	Ice	SEMI	
0816-01-0358	01	11/13/01 9:45	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0358	03	11/13/01 9:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0359	02	11/13/01 1000	125 ml Glass	Soil	Ice	HEXP	
0816-01-0359	04	11/13/01 1000	125 ml Glass	Soil	Ice	SEMI	
0816-01-0357	01	11/13/01 9:45	250 ml Polyethylene	Soil	Ice	EPA300	
0816-01-0357	03	11/13/01 9:45	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0358	02	↓	125 ml Glass	Soil	Ice	HEXP	
0816-01-0358	04	↓	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0356~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ 25.	

Original - LANL Destination | Yellow - RPF | Pink - FTL Copy

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	MK3R 0331 ULM0
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	~~MR3A0331UMM0~~ 25.

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0356	03	11/13/01 730	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0357	02	11/13/01 945	125 ml Glass	Soil	Ice	HEXP	
0816-01-0357	04	11/13/01 945	125 ml Glass	Soil	Ice	SEMI	
0816-01-0356	02	11/13/01 730	125 ml Glass	Soil	Ice	HEXP	
0816-01-0356	04	11/13/01 930	125 ml Glass	Soil	Ice	SEMI	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date	11/13/01	**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	12/13/01
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3A0331UMM0

Relinquished by: L.Martinez/J.Salaz **(Signature):** **Affiliation:** E-ER	**Date:** 11/13/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by: **(Signature):** **Affiliation:**	**Time:** 1155	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-01-0352	02	11/13/01 0830	125 ml Glass	Soil	Ice	HEXP	
0816-01-0352	03	11/13/01 0830	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0352	04	11/13/01 0830	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0353~~	~~01~~	~~11/13/01 0845~~	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ JS.	
0816-01-0353	02	11/13/01 0845	125 ml Glass	Soil	Ice	HEXP	
0816-01-0353	03	11/13/01 0845	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0353	04	11/13/01 0845	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0354~~	~~01~~	~~11/13/01 0900~~	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ JS.	
0816-01-0354	02	11/13/01 0900	125 ml Glass	Soil	Ice	HEXP	
0816-01-0354	03	11/13/01 0900	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0354	04	11/13/01 0900	125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0355~~	~~01~~	~~11/13/01 0915~~	~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~ JS.	
0816-01-0355	02	11/13/01 0915	125 ml Glass	Soil	Ice	HEXP	
0816-01-0355	03	11/13/01 0915	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0355	04	11/13/01 0915	125 ml Glass	Soil	Ice	SEMI	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331ULMO

Relinquished by: (Signature): J. Salazar **Affiliation:** EER	**Date:** 11-13-01	**Relinquished by:** (Signature): **Affiliation:**	**Date:**	**Relinquished by:** (Signature): **Affiliation:**	**Date:**
Received by: (Signature): **Affiliation:**	**Time:** 1547	**Received by:** (Signature): **Affiliation:**	**Time:**	**Received by:** (Signature): **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
~~0816-01-0363~~	~~03~~		125 ml Polyethylene	Soil	Ice	~~METTAL+HEXCR~~	
0816-01-0363	02		~~125 ml Glass~~	Soil	Ice	HEXP	
~~0816-01-0363~~	~~01~~		~~250 ml Polyethylene~~	Soil	Ice	~~EPA300~~	
0816-01-0362	04	11/13/01 1045	125 ml Glass	Soil	Ice	SEMI	
0816-01-0362	03	↓ ↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0362	02		125 ml Glass	Soil	Ice	HEXP	
~~0816-01-0362~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
~~0816-01-0361~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-01-0361	02	11/13/01 1030	125 ml Glass	Soil	Ice	HEXP	
0816-01-0361	03	↓ ↓	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-01-0361	04		125 ml Glass	Soil	Ice	SEMI	
~~0816-01-0363~~	~~04~~		125 ml Glass	Soil	Ice	~~SEMI~~	
0816-01-0364	01		~~250 ml Polyethylene~~	Soil	Ice	EPA300	
0816-01-0364	02		125 ml Glass	Soil	Ice	HEXP	
0816-01-0364	03		125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	

Los Alamos National Laboratory Environmental Restoration (Los Alamos, NM 87545)

CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Technical Area	16	**Send Lab Report to**	Richard Romero	**Field Unit Leader**	Warren Neff
Operable Unit	1082		K490		(505)665-9259
Date		**LANL Destination**	SMO	**Turnaround**	30 days
OU Contact	Richard Romero	**LANL Contact**	Joylene Valdez	**Lab Report Required**	
Contact Phone No	(505) 665-4116	**LANL Mail Stop**		**Charge Code**	MR3R0331ULM0

Relinquished by: Johnny Salazar **(Signature):** **Affiliation:** EER	**Date:** 1/1/01	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**	**Relinquished by:** **(Signature):** **Affiliation:**	**Date:**
Received by **(Signature):** **Affiliation:** ITCORP	**Time:** 1231	**Received by:** **(Signature):** **Affiliation:**	**Time:**	**Received by:** **(Signature):** **Affiliation:**	**Time:**

POSSIBLE HAZARD IDENTIFICATION: (please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances):
Radiological___ Highly Toxic___
Flammable___ Skin Irritant___ Non-Hazard___ Other___

SCREENING METHOD: None

SAMPLE DISPOSAL: Disposal by Lab

Comments:

Field Unique Sample #/ID	Cont ID	Date & Time Collected	Sample Container Volume/Material	Matrix	Preservat	ANALYSIS REQUESTED: (SMO Order Codes)	REMARKS (Conditions of receipt, etc.)
0816-02-0001	02	1/1/02 840	125 ml Glass	Soil	Ice	HEXP	
~~0816-02-0001~~	~~01~~		~~250 ml Polyethylene~~	~~Soil~~	~~Ice~~	~~EPA300~~	
0816-02-0001	03	1/1/02 840	125 ml Polyethylene	Soil	Ice	METTAL+HEXCR	
0816-02-0001	04	1/1/02 840	125 ml Glass	Soil	Ice	SEMI	

Original - LANL Destination Yellow - RPF Pink - FTL Copy

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 422 Event ID: 32

SAMPLE ID: RE16-02-44945
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER:
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/27/02 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-27-02 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 412
Event ID: 32

SAMPLE ID: RE16-02-44944
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 07/02/02 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 7-5-02 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 402
Event ID: 32

SAMPLE ID: RE16-02-44943
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bassett
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 3/5/02 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-5-02 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 432 Event ID: 32

SAMPLE ID: RE16-02-44946
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/02/05 13:38	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-5-02 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 442
Event ID: 32

SAMPLE ID: RE16-02-44947
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Kay Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/02/05 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): Jaylene Day (signature):	Date/Time: 3-5-02 1335	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 452
Event ID: 32

SAMPLE ID: RE16-02-44948
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03 Feb 02 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-5-02 1335	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 462 Event ID: 32

SAMPLE ID: RE16-02-44949
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/02/05 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-5-02/13:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 472 Event ID: 32

SAMPLE ID: RE16-02-44950
SAMPLE ORDER MATRIX: Soil
2 of 2

ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/02/01 13:31	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-5-02 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 482
Event ID: 32

SAMPLE ID: RE16-02-44951
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/22/02 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-5-02 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 492 Event ID: 32

SAMPLE ID: RE16-02-44952
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/22/02 13:30	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-500 1335	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 502 Event ID: 32

SAMPLE ID: RE16-02-44953
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	500 ML AMBER GLASS	Ice	Y		Plus TICs, 10 days turn around
2	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/22/05 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-50213:35	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 512 Event ID: 32

SAMPLE ID: RE16-02-44954
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	Perchlorate	250 ML POLY	Ice	Y		10 days turn around

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/02/05 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-502 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

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Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling, 2Qtr FY02
COC ID: 1042 Event ID: 32

SAMPLE ID: RE16-02-45007
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
1	Perchlorate	250 ML POLY	Ice	Y		

RELINQUISHED BY (printed name): Richard Romero (signature):	Date/Time: 03/22/02 13:35	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3-5-02 13:35	RECEIVED BY (printed name): (signature):	Date/Time:

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FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5772 Event ID: 202 Page 1 of 10

SAMPLE ID: RE16-02-45435
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around
2	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around

RELINQUISHED BY (printed name): Johnny Salazar (signature):	Date/Time: 3/20/02	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1125	RECEIVED BY (printed name): (signature):	Date/Time:

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Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5782 Event ID: 202

SAMPLE ID: RE16-02-45436
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around
2	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around

RELINQUISHED BY (printed name): Johnny Sokay (signature):	Date/Time: 3/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1125	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5762 Event ID: 202

SAMPLE ID: RE16-02-45437
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER:
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around
2	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around

RELINQUISHED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RECEIVED BY (printed name): (signature):	Date/Time:

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FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5752 Event ID: 202

SAMPLE ID: RE16-02-45438
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Kevin Buck
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around
2	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around

RELINQUISHED BY (printed name): Johnny Zokan (signature):	Date/Time: 3/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RECEIVED BY (printed name): (signature):	Date/Time:

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Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5712 Event ID: 202

SAMPLE ID: RE16-02-45439
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Kev Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around
2	METALS+7196	250 ML GLASS	Ice			10 day turn around
3	Perchlorate	250 ML POLY	Ice			10 day turn around

RELINQUISHED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1125	RECEIVED BY (printed name): (signature):	Date/Time:

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Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5742 Event ID: 202

SAMPLE ID: RE16-02-45440
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around
2	METALS+7196	250 ML GLASS	Ice	↓		10 day turn around
3	Perchlorate	250 ML POLY	Ice	↓		10 day turn around

RELINQUISHED BY (printed name): Johnny Salazar (signature):	Date/Time: 3/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RECEIVED BY (printed name): (signature):	Date/Time:

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FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5722 Event ID: 202

SAMPLE ID: RE16-02-45441
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around
2	METALS+7196	250 ML GLASS	Ice			10 day turn around
3	Perchlorate	250 ML POLY	Ice			10 day turn around

RELINQUISHED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RECEIVED BY (printed name): (signature):	Date/Time:

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Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5732 Event ID: 202

SAMPLE ID: RE16-02-45442
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Ken Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	250 ML AMBER GLASS	Ice	Y		10 day turn around
2	METALS+7196	250 ML GLASS	Ice			10 day turn around
3	Perchlorate	250 ML POLY	Ice			10 day turn around

RELINQUISHED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 3/20/02 1:25	RECEIVED BY (printed name): (signature):	Date/Time:

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Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P Clean Closure
COC ID: 5792 Event ID: 202

SAMPLE ID: RE16-02-45443
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Kei Bostick
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around
2	8270C+8330	250 ML AMBER GLASS	Ice	↓		10 day turn around

RELINQUISHED BY (printed name): (signature):	Date/Time: 7/20/02 1:25	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 7/20/02 1:25	RECEIVED BY (printed name): (signature):	Date/Time:

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FIELD CHAIN OF CUSTODY

EVENT NAME: MDAP Clean Closure
COC ID: 6902 Event ID: 242

SAMPLE ID: RE16-02-45477
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	8270C+8330	250 ML AMBER GLASS	Ice			Plus Tics/Ten Day turn
2	8260B	125 SEPTUM AMBER GLASS	Ice			Plus Tics/Ten Day turn
3	METALS+7196	250 ML GLASS	Ice			Ten day turn

RELINQUISHED BY (printed name): Richard Romero (signature): RRomero	Date/Time: 04/04/02 13:30	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 4.4.02 1330	RECEIVED BY (printed name): (signature):	Date/Time:

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Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDAP Clean Closure
COC ID: 6892 Event ID: 242

SAMPLE ID: RE16-02-45478
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
2	8260B	125 SEPTUM AMBER GLASS	Ice			Plus Tics/Ten Day turn
3	METALS+7196	250 ML GLASS	Ice			Ten day turn
1	8270C+8330	250 ML AMBER GLASS	Ice			Plus Tics/Ten Day turn

RELINQUISHED BY (printed name): Richard Romero (signature): R. Romero	Date/Time: 4/4/02 13:30	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 4.4.02 1330	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
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Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDAP Clean Closure
COC ID: 6882 Event ID: 242

SAMPLE ID: RE16-02-45479
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Nickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
3	METALS+7196	250 ML GLASS	Ice			Ten day turn
1	8270C+8330	250 ML AMBER GLASS	Ice			Plus Tics/Ten Day turn
2	8260B	125 SEPTUM AMBER GLASS	Ice			Plus Tics/Ten Day turn

RELINQUISHED BY (printed name): Richard Romero (signature): R. Romero	Date/Time: 4/04/02 13:30	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 4.4.02 1330	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA P Clean closure
COC ID: 12552 Event ID: 462

SAMPLE ID: RE16-02-45791
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around, require FAX results
2	8330	250 ML AMBER GLASS	Ice	Y		10 days turn around, require FAX results

RELINQUISHED BY (printed name): Richard Romero (signature): R. Romero	Date/Time: 05/14/02 09:45	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): Augusta Padilla (signature): Augusta Padilla	Date/Time: 5/14/02 0952	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA P Clean closure
COC ID: 12562 Event ID: 462

SAMPLE ID: RE16-02-45792
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Dan Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around, require FAX results
2	8330	250 ML AMBER GLASS	Ice	Y		10 days turn around, require FAX results

RELINQUISHED BY (printed name): Richard Romero (signature): RRomero	Date/Time: 05/14/02 09:45	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): Augusta Padilla (signature): Augusta Padilla	Date/Time: 5/14/02 0952	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA P Clean closure
COC ID: 12572 Event ID: 462

SAMPLE ID: RE16-02-45793
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Dan Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around, require FAX results
2	8330	250 ML AMBER GLASS	Ice	Y		10 days turn around, require FAX results

RELINQUISHED BY (printed name): Richard Romero (signature): R. Romero	Date/Time: 05/14/02 0830	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): Augusta Padilla (signature): Augusta Padilla	Date/Time: 5/14/02 0953	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA P Clean closure
COC ID: 12582 Event ID: 462

SAMPLE ID: RE16-02-45794
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Dan Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y / N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 days turn around, require FAX results
2	8330	250 ML AMBER GLASS	Ice	Y		10 days turn around, require FAX results

RELINQUISHED BY (printed name): Richard Romero (signature): R. Romero	Date/Time: 05/14/02 9:15	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): Augusta Padilla (signature): Augusta Padilla	Date/Time: 5/14/02 0950	RECEIVED BY (printed name): (signature):	Date/Time:

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Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling,2Qtr FY02 #2
COC ID: 24582 Event ID: 742

SAMPLE ID: RE16-02-46406
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around requested.
2	8330	250 ML AMBER GLASS	Ice	Y		10 day turn around requested.

RELINQUISHED BY (printed name): Johnny Salazar (signature): Johnny Salazar	Date/Time: 6/28/02 11:15	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 6/28/02 11:15	RECEIVED BY (printed name): (signature):	Date/Time:

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Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling,2Qtr FY02 #2
COC ID: 24592 Event ID: 742

SAMPLE ID: RE16-02-46407
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around requested.
2	8330	250 ML AMBER GLASS	Ice	Y		10 day turn around requested.

RELINQUISHED BY (printed name): Johnny Salazar (signature): Johnny Salazar	Date/Time: 6/28/02 11:15	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 6/28/02 11:15	RECEIVED BY (printed name): (signature):	Date/Time:

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Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling,2Qtr FY02 #2
COC ID: 24602 Event ID: 742

SAMPLE ID: RE16-02-46408
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around requested.
2	8330	250 ML AMBER GLASS	Ice	Y		10 day turn around requested.

RELINQUISHED BY (printed name): Johnny Salazar (signature): Johnny Salazar	Date/Time: 6/28/02 11:15	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 6/28/02 11:15	RECEIVED BY (printed name): (signature):	Date/Time:

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Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling,2Qtr FY02 #2
COC ID: 24612 Event ID: 742

SAMPLE ID: RE16-02-46409
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around requested.
2	8330	250 ML AMBER GLASS	Ice	Y		10 day turn around requested.

RELINQUISHED BY (printed name): (signature):	Date/Time: 6/28/02 11:15	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 6/28/02 11:15	RECEIVED BY (printed name): (signature):	Date/Time:

Los Alamos National Laboratory
Environmental Restoration Project
Los Alamos, MN 87545

FIELD CHAIN OF CUSTODY

EVENT NAME: MDA-P clean closure sampling,2Qtr FY02 #2
COC ID: 24622 Event ID: 742

SAMPLE ID: RE16-02-46410
SAMPLE ORDER MATRIX: Soil
ER TEAM LEADER: Don Hickmott
FIELD TEAM LEADER: Richard Romero
DESTINATION: SMO
DEST. POC:

ANALYSES REQUESTED

CONT. ID	ORDER	CONTAINER DESCRIPTION	PRESERVATIVE	COLLECTED Y/N	REASON	SPECIAL INSTRUCTIONS
1	METALS+7196	250 ML GLASS	Ice	Y		10 day turn around requested.
2	8330	250 ML AMBER GLASS	Ice	Y		10 day turn around requested.

RELINQUISHED BY (printed name): (signature):	Date/Time: 6/28/02 11:15	RELINQUISHED BY (printed name): (signature):	Date/Time:
RECEIVED BY (printed name): (signature):	Date/Time: 6/28/02 11:15	RECEIVED BY (printed name): (signature):	Date/Time:

Confirmation Sample Locations: Plate 2

6453-B

Cañon de Valle

MDA P SWMU 16-018

West Access Road

East Access Road

TA-16-386

TA-16-389

387 Flash Pad
SWMU 16-010(b)

Consolidated
SWMU 16-016(c)-99

Septic
Tank
(removed)

TA-16 Burning Grounds

ESA Garage

West Haul Road

Access Road

1764500

1764000

1615500

1616000

1616500

- Boundary of Mapped Area
- Culvert
- Fence, Current
- Fence, Removed
- Stream Channel Boundary
- Trench Buried by Fill (exposed by excavation)
- Trench, Remnant Exposed
- Limit of Excavation
- Road, Dirt
- Road, Paved
- Solid Waste Management Unit (SWMU) Boundary
- Straw Bales or Waddles for Erosion Control

Building/Storage Areas

- Active Facility or Structure
- Revetment at Building 389

Results of Erosion Stabilization

- Rip Rap
- Reclaimed Area, Seeded, Straw Crimp

Unconsolidated Deposits

- Unconsolidation Undifferentiated
- Forest Floor Soils/Undisturbed
- Septic Tank (removed)

Sampling Locations

- Excavation or Borehole
- Subsurface
- Surface

DATA SOURCES FOR PLOT: 200575

Title; Owner; Pub Date; Intended Scale; (ER ID); (GISLab ID)

MDA P Dirt Roads, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Erosion Control (straw bales and waddles), client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Excavation Areas, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Line Features (trenches, culverts, stream channel, fences, boundary of mapped area), client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Location Ids with Depth, client supplied; Los Alamos National Laboratory, ER; 16-Sept-2002; Unknown; (NA); (Unknown)

MDA P Reclaimed Areas, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Rip Rap, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Septic Tank (removed), client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Structures, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P SWMU Boundaries, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Unconsolidated Undifferentiated Deposit Areas, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

MDA P Undistrubed Areas, client supplied; Los Alamos National Laboratory, ER; Unknown; Unknown; (NA); (Unknown)

Roads, surfaced; Los Alamos National Laboratory, FWO; Unknown; Unknown; (Unknown); (00907-0002)

Roads, unsurfaced; Los Alamos National Laboratory, FWO; Unknown; Unknown; (Unknown); (00908-0002)

GISLab
Los Alamos National Laboratory

RRES

Cartography by: Doug Walther

Date: January 24, 2003 M#: 200575

N

State Plane Coordinate System, New Mexico Central Zone, 1983 North American Datum. Units Feet.

Grid displays New Mexico State Plane coordinates in feet.

1:600

0 50 100 150 200
Feet

0 15 30 45
Meters

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Work performed on behalf of RRES-R, Los Alamos National Laboratory, Los Alamos, NM, 87545.

Appendix F

Regulatory References for
Clean Closure Demonstration

This appendix contains the regulatory references that are used to support the Laboratory's approach to demonstrating clean closure for MDA P and that clarify EPA's intent concerning the applicability of closure equivalency demonstrations:

- 52 FR 8704, which finalized conforming changes between 40 CFR 265 and 264 closure requirements to ensure that future interim status closures would be equally protective and stringent as closures for permitted units;
- 52 FR 45788, which provides the option of clean-closure equivalency demonstrations for units that had closed prior to 1987 conforming changes;
- 53 FR 9944, which clarifies the term "waste residues," and
- OSWER Policy Directive 9476.00-18, which provides guidance on demonstrating equivalence of Part 265 clean closures with Part 264 requirements.

The Laboratory's position, based on these sources, is that a clean closure demonstration is required for MDA P, not a closure equivalency demonstration. Regulations in 40 CFR 270.1(c) do not explicitly state the applicability of the closure equivalency demonstration requirement for pre-1987 closures; however, the intent in the preamble language is clear.

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 265

[SW-FRL-3092-1]

Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; Final Rule

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: The Environmental Protection Acency is today amending the interim status regulations for closing and providing postclosure care for hazardous waste surface impoundments (40 CFR Part 265, Subpart K), under the Resource Conservation and Recovery Act (RCRA).

The Agency proposed today's modifications to the interim status standards on July 26, 1982. Today's amendments provide conformance between certain interim status requirements for surface impoundments and those requirements contained in the permitting rules of 40 CFR Part 264, that were also published on July 26, 1982. The Agency is also setting forth its interpretation of the regulatory requirements applying to closure of storage facilities regulated under both permits and interim status.

EFFECTIVE DATE: These final regulations become effective on September 15, 1987, which is six months from the date of promulgation, as RCRA section 3010(b) requires.

ADDRESS: The docket for this rulemaking (Docket No. F-87-CCF-FFFFF) is located in Room MLG100, U.S. Environmental Protection Agency, 401 M Street, SW., Washington, DC and is available for viewing from 9:00 a.m. to 3:30 p.m., Monday through Friday, excluding holidays. Call Mia Zmud at 475-9327 for appointments.

FOR FURTHER INFORMATION CONTACT: RCRA hotline at (800) 424-9346 (in Washington, DC, Call 382-3000) or for technical information contact Ossi Meyn, Office of Solid Waste (WH-565E), U.S. Environmental Protection Agency, Washington, DC 20460, telephone (202) 382-4654.

SUPPLEMENTARY INFORMATION:

I. Authority

These regulations are issued under the authority of sections 1006, 2002(a), 3004 and 3005 of the Solid Waste Disposal Act (SWDA), as amended by the Resource Conservation and Recovery Act (RCRA) of 1976, as amended (42 U.S.C 6905, 6912(a), 6924, and 6925).

II. Background

Subtitle C of RCRA creates a "cradle-to-grave" management system intended to ensure that hazardous waste is safely treated, stored, or disposed. First, Subtitle C requires the Agency to identify hazardous waste. Second, it creates a manifest system designed to track the movement of hazardous waste, and requires hazardous waste generators and transporters to employ appropriate management practices as well as procedures to ensure the effective operation of the manifest system. Third, owners and operators of treatment, storage, and disposal facilities must comply with standards the Agency established under section 3004 of RCRA that "may be necessary to protect human health and the environment." Ultimately, these standards will be implemented exclusively through permits issued to owners and operators by authorized States or the Agency. However, until these permits are issued, existing facilities are controlled under the interim status regulations of 40 CFR Part 265 that were largely promulgated on May 19, 1980. Under RCRA interim status, the owner or operator of a facility may operate without a permit if: (1) It existed on November 19, 1980, (or it existed on the effective date of statutory or regulatory changes under RCRA that render the facility subject to the requirements to have a permit under section 3005); (2) he has complied with the notification requirements of section 3010 of RCRA; (3) he applied for a permit (Part A application) in accordance with section 3005 of RCRA. Interim status is retained until the regulatory agency makes a formal decision to issue or deny the permit or until the facility loses its interim status by statute for failure to submit Part B permit application and/or certification of compliance with applicable groundwater monitoring and financial assurance requirements.

In regulations promulgated on July 26, 1982, [40 CFR Part 264, 47 FR 32274], the Agency established permitting standards in 40 CFR Part 264 covering the treatment, storage, and disposal of hazardous wastes in surface impoundments, waste piles, land treatment units, and landfills. Owners and operators of such facilities must meet these standards to receive RCRA permits. Also included in the Federal Register on that date were a series of changes to the interim status requirements of Part 265, which were promulgated to ensure consistency with the new Part 264 standards. There were, however, a few additional Part 265 conforming changes that the Agency believed should first be proposed for public comment because, in most cases, the public had not had sufficient opportunity to comment on the appropriateness of applying them during the interim status period. Many of the changes that were proposed on July 26, 1982, were promulgated in final regulations on April 23, 1985 [50 FR 16044). Today, the Agency is making final the remaining changes to the surface impoundment closure and post-closure care requirements [§ 265.228] that were proposed on July 26, 1982.

III. Discussion of Today's Amendments

The Part 264 rules issued on July 26, 1982, for surface impoundment closure and post-closure care [§§ 264.228 and 264.310] are in many ways similar to the interim status requirements [§§ 265.228 and 265.310]. The Part 264 closure rules, however, contain more specific performance standards to assure adequate protection of human health and the environment. For reasons discussed below, the Agency believes the more explicit Part 264 closure rules should also be implemented during interim status. Moreover, EPA believes that the closure process is adequate to apply these closure requirements. The existing review process for interim status closure and post-closure care plans will provide an opportunity for the Agency to review the specifics of the plans for compliance with the closure performance standards. Thus, any problems with misinterpretation of the closure requirements by the owner or operator would be identified and rectified prior to actual closure. In fact, the review process for closure and post-closure care plans during interim status is similar to the review process of closure and post-closure care plans conducted during the permitting process. Therefore, the Agency believes that these closure requirements are capable of being properly implemented during interim status.

The § 265.228 closure rules proposed on July 26, 1982, and promulgated today, retain the basic format of existing regulations by allowing owners and operators to choose between removing hazardous wastes and waste residues (and terminating responsibility for the unit) or retaining wastes and managing the unit as a landfill. (An additional choice for closure is proposed elsewhere in today's Federal Register.) The requirements for both choices are made more specific in today's amendments.

If the owner or operator chooses not to remove or decontaminate the waste and waste residues, then the rules promulgated today provide that the owner or operator must: (1) Eliminate free liquids by either removing them from the impoundment or solidifying them, (2) stabilize the remaining waste and waste residues to support a final cover, (3) install a final cover to provide long-term minimization of infiltration into the closed impoundment, and (4) perform post-closure care and ground-water monitoring.

The Part 265 regulations promulgated today (like the existing Part 264 regulations for permitted units) allow owners and operators of surface impoundments to remove or decontaminate wastes to avoid capping and post-closure care requirements (§ 265.228(a)(1)). They must remove or decontaminate all wastes, waste residues, contaminated containment system components (e.g., contaminated portions of liners), contaminated subsoils, and structures and equipment contaminated with waste and leachate. All removed residues, subsoils, and equipment must be managed as hazardous waste unless there is compliance with the delisting provisions of § 261.3(d). (Similar Part 265 closure and post-closure care rules for waste piles were promulgated on July 26, 1982.)

The new requirements for closure by removal differ significantly from the previous Part 265 requirements in one respect. The previous interim status requirement in § 265.228(b) required owners or operators to remove all waste residuals and contaminated soil or to demonstrate, using the procedures in § 261.3 (c) and (d), that the materials remaining at any stage of the removal were no longer a hazardous waste. Once an owner or operator made a successful demonstration under § 261.3 (c) and (d), (s)he could discontinue removal and certify closure.

Under § 261.3 (c) and (d), materials contaminated with listed waste (as evidenced by the presence of Appendix VIII constituents) are hazardous waste by definition unless the material is delisted. Materials contaminated with characteristic wastes, however, are only hazardous wastes to the extent that the material itself exhibits a characteristic. Thus to meet the old closure by removal standard, owners or operators of characteristic waste impoundments had only to demonstrate that the remaining material did not exhibit the characteristic that first brought the impoundment under regulatory control.

This demonstration, however, arguably allowed significant and potentially harmful levels of hazardous constituents (i.e., those contained in Appendix VIII of Part 261) to remain in surface impoundment units without subjecting the units to landfill closure, post-closure care, or monitoring requirements.

For example, the previous version of the rule allowed residues from waste that originally exhibited the characteristic of extraction procedure (EP) toxicity to remain in place at "clean closure" if the residue was no longer EP toxic. This could allow an environmentally significant quantity of hazardous constituents to remain at a facility site that will receive no further monitoring or management. While EP toxic criterion would preclude only a concentration that exceeds 100 times the drinking water standard, constituents may remain at levels significantly above the drinking water standards. If such constituents are close to the saturated zone, they may contaminate ground water at levels exceeding the ground-water protection standard. Furthermore, the waste residues may contain significant and potentially harmful levels of other hazardous constituents (listed in Appendix VIII of Part 261) that are not found through EP testing. Hence, the language "or demonstrate what remains is no longer a hazardous waste" has been dropped from the interim status regulations because it is inconsistent with the overall closure performance standard requiring units to close in a manner that eliminates or minimizes the post-closure escape of Appendix VIII constituents.

Making this conforming change ensures that no Appendix VIII constituent presents any threat to human health and the environment. This is also consistent with several of the new requirements added by the Hazardous and Solid Waste Amendments of 1984. For example, new section 3004(u) of RCRA requires corrective action for releases not only of hazardous wastes, but also hazardous constituents. Similarly, section 3001(f) requires the Agency to consider, when evaluating waste delisting petitions, all hazardous constituents found in the waste, not just those for which the waste was listed as hazardous. Finally, new section 3005(i) requires owners and operators of landfills, surface impoundments, waste piles, or land treatment units that qualify for interim status and receive waste after July 26, 1982, to meet the ground-water monitoring and corrective action standards found in Subpart F to 40 CFR Part 264. These regulations also require owners and operators to monitor and clean up the full range of Appendix VIII constituents found in a waste.

The question has also arisen during the implementation of previous closures by removal whether § 265.228 requires consideration of potential ground contamination in addition to soil contamination. The answer to this question is yes. The closure by removal requirements in § 265.228 (a)(1) and (b) require removal or decontamination (i.e., flushing, pumping/treating the aquifer) of "underlying and surrounding contaminated soils." Since contamination of both saturated and unsaturated soils may threaten human health or the environment, the Agency interprets the term "soil" broadly to include both unsaturated soils and soils containing ground water. Thus the closure by removal standard requires consideration of both saturated and unsaturated soils. Uncontaminated ground water is, therefore, a requirement for "clean closure" under Part 265 (and Part 264) as revised today as well as under the previous regulation.

The one comment received on the proposed § 265.228 surface impoundment closure and post-closure care requirements for "clean closure" argued that clay liners should be allowed to remain in place at closure even if they are contaminated because their excavation is expensive and hazardous to workers removing the waste. EPA disagrees. While excavation may be expensive, the additional c removing the liner will usually be small in comparison to the cost of removing the waste. Therefore, if an owner or operator is willing to expend the resources to remove the waste, it is not unduly burdensome to go one step further and remove the liner. This burden is justified by the benefit of removing contamination from the impoundment. (See discussion below.) If extensive excavation is needed, thereby considerably increasing the cost of removal, it is generally because extensive contamination of the clay and underlying soils has occurred. In these cases, it may be cheaper to install a proper final cover and perform post-closure care rather than remove the contamination. In addition, we do not believe that removal of the liner will be any more hazardous to workers than is the removal of the waste. With proper safety procedures, removal of the waste and liner should not pose an undue hazard to workers.

EPA's Interpretation of the "Remove or Decontaminate" Standard

The sole commenter on the proposed rule also suggested that, in addition to the case where all wastes, residues, and contaminated liners and soils are

removed, no final cover should be required where the type and quantity of waste in the liner can be shown to pose no public health or environmental threat. This comment touches upon an issue that has arisen in other contexts, that is: What is the necessary extent of removal or decontamination of wastes, waste residues, contaminated liners, and soils (including contaminated ground water) to avoid the landfill closure and post-closure care requirements under both Parts 264 and 265 regulations? The issue concerning how much removal or decontamination of wastes and waste residues is necessary to protect human health and the environment is relevant in a broad range of regulatory contexts currently being examined by the Agency including closure and corrective actions under RCRA and response actions under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) programs.

The removal and decontamination issue arises directly from differences in regulatory strategy between disposal and storage. A storage unit holds wastes temporarily, and the wastes are eventually removed for treatment or disposal elsewhere. The goal at closure is to leave no materials at the storage site that require further care. In contrast, a disposal unit, by definition, is closed with wastes and residues remaining at ite. The goal at closure is to assure these remaining wastes and idues are managed in a manner that protects human health and the environment. There is no need for post-closure oversight of storage units since all potentially harmful wastes and contaminated materials are removed. This is not true for disposal units; hence, the Agency has promulgated regulations requiring post-closure care for disposal units. (For further discussions on a proposed alternative closure option, see the preamble to proposed §§ 264.310 and 265.310 elsewhere in today's Federal Register).

To assist the reader, we describe below EPA's interpretation of the "remove and decontaminate" language in §§ 264.228 and 265.228, i.e. we describe the amount of removal or decontamination that obviates the need for post-closure care for both interim status and permitted surface impoundment units. With regard to storage units regulated under both Parts 264 and 265, the Agency interprets the terms "remove" and "decontaminate" to mean removal of all wastes and liners, and the removal of leachate and materials contaminated with the waste or leachate (including ground water) that pose a substantial present or potential threat to human health or the environment. The Agency recognizes that at certain sites limited quantities of hazardous constituents might remain in the subsoil and yet present only insignificant risks to human health and the environment. Because regulations for storage facilities require no further post-closure care, the Agency must be certain that no hazardous constituents remain that could harm human health or the environment (now or in the future). To provide the necessary level of assurance, the Agency will require owners or operators to remove all wastes and contaminated liners and to demonstrate that any hazardous constituents left in the subsoils will not cause unacceptable risks to human health or the environment. The Agency will review site-specific demonstrations submitted by facility owners and operators that document that enough removal and decontamination has occurred so that no further action is necessary. Owners or operators wishing to avail themselves of the site-specific removal option must include in their closure plans specific details of how they expect to make the demonstration, including sampling protocols, schedules, and the exposure level that is intended to be used as a standard for assessing whether removal or decontamination is achieved (see discussion below). The Agency is presently developing a guidance document explaining the technical requirements for achieving a "clean closure". This guidance document should be available in draft form by January 1987. In the meantime, the following discussion presents the framework for the demonstration procedure.

The closure demonstrations submitted by facility owners and operators must document that the contaminants left in the subsoils will not impact any environmental media including ground water, surface water, or the atmosphere in excess of Agency-recommended limits or factors, and that direct contact through dermal exposure, inhalation, or ingestion will not result in a threat to human health or the environment. Agency recommended limits or factors are those that have undergone peer review by the Agency. At the present time these include water quality standards and criteria (Ambient Water Quality Criteria 45 FR 79318, November 28, 1980; 49 FR 5831, February 15, 1984; 50 FR 30784, July 29, 1985), health-based limits based on verified reference doses (RfDs) developed by the Agency's Risk Assessment Forum (Verified Reference Doses of USEPA, ECAO–CIN–475, January 1986) and Carcinogenic Potency Factors (CPF) developed by the Agency's Carcinogen Assessment Group (Table 9–11, Health Assessment Document for Tetrachloroethylene (Perchloroethylene) USEPA, OHEA/600/8–82/005F, July 1985) to be used to determine exposure at a given risk, or site-specific Agency-approved public health advisories issued by the Agency for Toxic Substance and Disease Registry of the Center for Disease Control, Department of Health and Human Services.

The Agency is currently compiling toxicity information on many of the hazardous constituents contained in Appendix VIII to Part 261. The facility owner and operators should check with the Office of Solid Waste, Characterization and Assessment Division, Technical Assessment Branch (202) 382–4761 for the latest toxicity information. However, for some hazardous constituents, formally recommended exposure limits do not yet exist. If no Agency recommended exposure limits exist for a hazardous constituent then the owner or operator must either remove the constituent down to background levels, submit data of sufficient quality for the Agency to determine the environmental and health effects of the constituent, or follow landfill closure and post-closure requirements. Data submitted by the owner or operator on environmental and health effects of a constituent should, when possible, follow the toxicity testing guidelines of 40 CFR Parts 797 and 798 (50 FR 39252, September 27, 1985). The Agency does not believe there are many situations where developing exposure levels will be a realistic option for owners and operators because the testing required by 40 CFR Parts 797 and 798 to produce reliable toxicity estimates is expensive and time-consuming.

The Agency believes it is necessary to present policy on the appropriate point of exposure for the various pathways of exposure in order to provide some national consistency in dealing with the potential impacts of the release of hazardous constituents from closing units. The following point of exposure was chosen because the Agency believes it represents a realistic and at the same time reasonably conservative estimate of where either environmental or human receptors could be exposed to the contaminants released from the unit. For the purpose of making a closure by removal demonstration, the potential point of exposure to hazardous waste constituents is assumed to be directly at or within the unit boundary for all

routes of exposure (surface-water contact, ground-water ingestion, inhalation, and direct contact). Potential exposure at or within the unit boundary must be assumed because no further oversight or monitoring of the unit is required if the unit is closed by removal. (Recall that the land overlying a unit that closes by removal may be transferred and developed freely without giving notice of its prior use.) Therefore, no attenuation of the hazardous waste constituents leaching from the waste residues can be presumed to occur before the constituents reach exposure points.

This approach differs from the existing "delisting procedure" developed in response to the requirements of §§ 261.3 (c) and (d), 260.20, and 260.22. As discussed previously, the "clean closure" approach is based on the premise that, after closure by removal is satisfied, no further management control over the waste (or unit) is necessary. In contrast, delisted solid waste remains subject to the regulatory controls promulgated by the Agency under Subtitle D of RCRA. Subtitle D contains performance criteria for the management of non-hazardous waste. Although the Agency is currently assessing whether more specific Federal regulatory requirements are needed for waste management under Subtitle D, most states have already adopted specific regulatory requirements for Subtitle D waste management. Therefore, even though a waste may be delisted its management continues to be controlled. In contrast, closure by removal will not be followed by any regulatory controls; hence, an environmentally conservative approach is needed to assure no further risk to human health and the environment. Therefore, unlike the current "delisting procedure" that is based on a generic process that only considers the ground-water route of exposure, the demonstration procedure discussed here is waste-specific and site-specific, considers all potential exposure pathways, and assumes no attenuation.

The demonstration should be conservative in the sense that it eliminates the uncertainties associated with contaminant fate and transport, focusing on the waste contaminant levels and contaminant characteristics. Therefore, arguments relying on fate and transport calculations will not be accepted. The Agency is pursuing this relatively conservative approach at this time because we are confident that it will be protective of human health and the environment. After a few years of experience with "clean closure" demonstrations, the Agency may decide that a less stringent approach is sufficiently reliable to assure that closures based on such analyses are fully protective of human health and the environment. At that time, the Agency may change its position on the use of fate and transport arguments for "clean closure" demonstrations. (Elsewhere in today's Federal Register, the Agency is proposing a third closure option that would incorporate fate and transport factors. However, unlike the closure by removal option, that option would require closure to be followed by verification monitoring to verify the fate and transport predictions and assume that the closure protects human health and the environment.)

To make the demonstration with respect to the direct contact pathway, owners or operators must demonstrate that contaminant levels in soil are less than levels established by the Agency as acceptable for ingestion or dermal contact. Total waste constituent levels in soil should be used for this analysis. Arguments based on exposure control measures such as fencing or capping will not be acceptable since the long-term future use of the property cannot be reliably controlled and hence the long-term effectiveness of these measures is uncertain.

To make the demonstration with respect to the ground-water pathway, owners or operators must remove enough contaminated soil and saturated subsoils (i.e., ground water) to demonstrate that constituent levels in ground water do not exceed Agency-established chronic health levels (based on Rfd or CPF values) and that residual contaminant levels remaining in the soil will not contribute to any future contamination of ground water. (Note: this demonstration may in some cases require constituent-specific ground water data beyond that required by §§ 265.90 through 265.100). The demonstration related to residual soil contamination levels must show that levels of constituents found in leachate from the residual soil contamination are not above Agency-established exposure levels. Levels of constituents in leachate may be estimated based on known characteristics of the waste constituents (e.g., solubility and partitioning coefficients) or determined by the results of actual soil leaching tests. The Agency is exploring the appropriateness of using the extraction procedures (but not the acceptable contaminant levels) found in the Toxicity Characteristics Leaching Procedure (TCLP), Federal Register of January 14, 1985 (51 FR 1690). The current EP Toxicity leaching procedure is insufficient for this demonstration because it does not capture the organic constituents in the waste.

The analysis of potential air exposures should assess contaminants migrating from the soils into the atmosphere. The demonstration should include emission calculations, available monitoring data, and safe inhalation levels based on Agency-established exposure levels.

The potential surface water exposure analysis should compare Agency-established water quality standards and criteria (45 *FR* 79318, November 28, 1980) with the levels of constituents that may leach from the residual contaminated soil. Tests described previously should be used to estimate the level of constituents in the leachate. The surface water exposure analysis should also consider existing surface water contaminant concentrations.

IV. State Authority

A. Applicability of Rules in Authorized States

Under section 3006 of RCRA, EPA may authorize qualified States to administer and enforce the RCRA program within the State. (See 40 CFR Part 271 for the standards and requirements for authorization.) Following authorization, the Agency retains enforcement authority under sections 3008, 7003 and 3013 of RCRA, although authorized States have primary enforcement responsibility.

Prior to the Hazardous and Solid Waste Amendments of 1984 (HSWA), a State with final authorization administered its hazardous waste program entirely in lieu of the Federal program. The Federal requirements no longer applied in the authorized State, and the Agency could not issue permits for any facilities in a State where the State was authorized to permit. When new, more stringent Federal requirements were promulgated or enacted, the State was obligated to enact equivalent authority within specified time frames. New Federal requirements did not take effect in an authorized State until the State adopted the requirements as State law.

In contrast, under section 3006(g) of RCRA, 42 U.S.C. 6926(g), new requirements and prohibitions imposed by HSWA take effect in authorized States at the same time that they take effect in nonauthorized States. The Agency is directed to carry out those requirements and prohibitions in authorized States, including the issuance of permits, until the State is granted

authorization to do so. While States must still adopt HSWA-related provisions as State law to retain final authorization, the HSWA applies in authorized States in the interim.

B. Effect on State Authorization

Today's rule promulgates standards that are not effective in authorized States since the requirements are not being imposed pursuant to Hazardous and Solid Waste Amendments of 1984. Thus, the requirements will be applicable only in those States that do not have final authorization. In authorized States, the requirements will not be applicable until the State revises its program to adopt equivalent requirements under State law.

40 CFR 271.21(e)(2) requires that States that have final authorization must modify their programs to reflect Federal program changes and must subsequently submit the modification to EPA for approval. The deadline by which the State must modify its program to adopt today's rule is July 1988. These deadlines can be extended in exceptional cases (40 CFR 271.21(e)(3)). Once EPA approves the revision, the State requirements become Subtitle C RCRA requirements.

States with authorized RCRA programs may already have requirements similar to those in today's rule. These State requirements have not been assessed against the Federal regulations being promulgated today to determine whether they meet the tests for authorization. Thus, a State is not authorized to carry out these requirements in lieu of the Agency until the State requirements are approved. Of course, States with existing standards may continue to administer and enforce their standards as a matter of State law.

States that submit official applications for final authorization less than 12 months after the effective date of these standards are not required to include standards equivalent to these standards in their application. However, the State must modify its program by the deadlines set forth in § 271.21(e). States that submit official applications for final authorization 12 months after the effective date of these standards must include standards equivalent to these standards in their application. 40 CFR 271.3 sets forth the requirements a State must meet when submitting its final authorization application.

V. Effective Date

Pursuant to section 3010(b) of RCRA, today's amendments will be effective six months after promulgation.

VI. Regulatory Impact

Under Executive Order 12291, the Agency must judge whether a regulation is "major" and, therefore, subject to the requirement of a Regulatory Impact Analysis. As stated in the proposed rule on July 26, 1982, the Agency does not believe these conforming changes will result in an annual effect on the economy of $100 million or more; a major increase in costs or prices for consumers, individual industries, Federal, State, or local government agencies, or geographic regions; or significant adverse effects on competition, employment, investment, productivity, innovation, or in domestic or export markets. In addition, the Part 265 conforming changes do not impose any requirements beyond those required for permitting facilities under Part 264. Therefore, the Agency believes that today's rule is not a major rule under Executive Order 12291.

This regulation was submitted to the Office of Management and Budget for review as required by Executive Order 12291.

VII. Regulatory Flexibility Act

Under the Regulatory Flexibility Act, (5 U.S.C. 601 *et seq.*), the Agency must prepare a regulatory flexibility analysis for all regulations that may have a significant impact on a substantial number of small entities. The Agency conducted such an analysis on the land disposal regulations and published a summary of the results in the Federal Register, Vol. 48, No. 15 on January 21, 1983. Today's conforming regulation does not impose significant additional burdens. In addition, they do not impose any requirements beyond those required for permitting facilities under Part 264.

VIII. Paperwork Reduction Act

The certification requirements contained in this rule have been approved by the Office of Management and Budget (OMB) under the provisions of the Paperwork Reduction Act of 1980, 44 U.S.C. 3501 *et seq.* and have been assigned OMB control number 2050-0008.

List of Subjects in 40 CFR Part 265

Hazardous materials, Packaging and containers, Reporting and recordkeeping requirements, Security measures, Surety bonds, Waste treatment and disposal, Water supply.

Dated: March 6, 1987.

Lee M. Thomas,

Administrator.

For the reasons set out in the preamble, Part 265, Subpart K of Title 40 of the Code of Federal Regulations is amended as follows:

PART 265—INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

1. The authority citation for Part 265 continues to read as follows:

Authority: Secs. 1008, 2002(a), 3004, and 3005 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended (42 U.S.C. 6905, 6912(a), 6924, and 6925).

2. In 40 CFR Part 265, Subpart K, § 265.228 is revised to read as follows:

§ 265.228 Closure and post-closure care.

(a) At closure, the owner or operator must:

(1) Remove or decontaminate all waste residues, contaminated containment system components (liners, etc.), contaminated subsoils, and structures and equipment contaminated with waste and leachate, and manage them as hazardous waste unless § 261.3(d) of this chapter applies; or

(2) Close the impoundment and provide post-closure care for a landfill under Subpart G and § 265.310, including the following:

(i) Eliminate free liquids by removing liquid wastes or solidifying the remaining wastes and waste residues;

(ii) Stabilize remaining wastes to a bearing capacity sufficient to support the final cover; and

(iii) Cover the surface impoundment with a final cover designed and constructed to:

(A) Provide long-term minimization of the migration of liquids through the closed impoundment;

(B) Function with minimum maintenance;

(C) Promote drainage and minimize erosion or abrasion of the cover;

(D) Accommodate settling and subsidence so that the cover's integrity is maintained; and

(E) Have a permeability less than or equal to the permeability of any bottom liner system or natural subsoils present.

(b) In addition to the requirements of Subpart G, and § 265.310, during the post-closure care period, the owner or operator of a surface impoundment in which wastes, waste residues, or contaminated materials remain after closure in accordance with the provisions of paragraph (a)(2) of this section must:

(1) Maintain the integrity and effectiveness of the final cover, including making repairs to the cover as

necessary to correct the effects of settling, subsidence, erosion, or other events:

(2) Maintain and monitor the ground-water monitoring system and comply with all other applicable requirements of Subpart F of this part; and

(3) Prevent run-on and run-off from eroding or otherwise damaging the final cover.

[FR Doc. 87-5575 Filed 3-18-87; 8:45 am]
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ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 144, 264, 265, 270, and 271

[SWH; FRL 3211-6]

Hazardous Waste; Codification Rule for the 1984 RCRA Amendments

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule..

SUMMARY: This rule is a companion to EPA's final rule of July 15, 1985, which codified requirements specified by the Hazardous and Solid Waste Amendments of 1984 (HSWA) that took effect immediately or shortly after enactment (see 50 FR 28702). The July 15 final rule amended EPA's hazardous waste regulations to incorporate the statutory language of HSWA into EPA's existing regulatory framework. This rule codifies further changes to the existing regulations which implement the HSWA provisions relating to corrective action and permitting for RCRA facilities. Today's rule also includes provisions to implement the statutory requirements pertaining to corrective action for releases beyond the facility boundary, and to corrective action for hazardous waste injection wells.

DATES: The following regulatory amendments to Title 40 of the Code of Federal Regulations become effective December 31, 1987—§§ 144.1(h), 144.31(g), 265.1(c)(2), 270.1(c) introductory text, (5) and (8), 270.4(a), 270.10(k), 270.14 (c) introductory text and (d), 270.41(a)(3), 270.60(b)(3) and the addition to Table 1 in 271.1(j).

The following regulatory amendments become effective immediately December 1, 1987—§§ 264.100(e) introductory text, (1) and (2), and 264.101(c).

ADDRESS: The docket for this rulemaking is available for public inspection in the sub-basement, U.S. EPA, 401 M Street SW., Washington, DC 20460 from 9:00 a.m. to 4:00 p.m., Monday through Friday, excluding holidays. The docket number is F-87-CODF-FFFFF.

FOR FURTHER INFORMATION CONTACT: Sharon Frey, Closure/Financial Responsibility Section (WH-563), Office of Solid Waste, Environmental Protection Agency, 401 M St., SW., Washington, DC 20460; (202) 475-6725.

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I. Authority

These regulations are issued under authority of sections 2002, 3004, 3005, 3006, and 3015 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, as amended, 42 U.S.C. 6912, 6924, 6925, 6926, and 6935.

II. Background

The preamble to the final codification rule promulgated on July 15, 1985 (50 FR 28702) provides substantial detail on the background and purpose of today's rule, which incorporates into the existing Subtitle C regulations an additional set of requirements from the 1984 Hazardous and Solid Waste Amendments (HSWA). The preamble to the July 15, 1985 final rule should be read first to understand the context of this rule. Briefly, the July 15 rule codified, with very few changes, the statutory language of many of the new provisions of the HSWA to the existing Subtitle C regulations, with a preamble that provided EPA's legal interpretations of that language. Today's rule, by contrast, codifies changes to the Subtitle C regulations that are more than mere transpositions of those statutory provisions which took effect immediately or shortly after enactment. This rule and accompanying preamble deal with issues relating to corrective action and permit information requirements that are generally logical outgrowths of the 1984 amendments rather than requirements imposed directly by the statute.

The proposal for today's rule was published for comment on March 28, 1986 (51 FR 10706). In addition to corrective action and permit requirements, the proposed rule also contained provisions addressing land disposal restrictions and minimum technology requirements under section 3004 of RCRA. Those latter provisions will be addressed in a separate final rule.

III. Section-by-Section Analysis

The following sections of this preamble include discussions of the major issues and explanations of EPA's rationale for promulgating the final rules.

A. Corrective Action Requirements

1. Permit Application Requirements

In the March 28, 1986 proposed rule, EPA proposed to amend § 270.14 by adding a new provision (paragraph d) requiring the provision of additional information in Part B applications pertaining to solid waste management units (SWMUs) at facilities seeking a RCRA permit. The proposed provision, as part of the codification of corrective action requirements under section 3004(u) of RCRA, would require owners and operators of facilities seeking permits to provide descriptive information on the SWMUs themselves and all available information pertaining to any release from the units. The proposal also gives EPA or an authorized state the authority to require the permit applicant to conduct sampling and analysis at the SWMUs to determine if more detailed analysis is necessary.

The Agency received many comments on the proposed requirement. Several commenters objected to the provision, arguing that it sets no real limitations on the amount of information which may be demanded by the permitted authority. In particular, these commenters contended that the proposed rule may compel permit applicants to conduct extensive sampling and analysis simply to determine whether a release has occurred.

The Agency, while sensitive to these concerns, is today promulgating the requirement as proposed. The Agency does not intend this rule to require extensive sampling and monitoring at every solid waste management unit at a RCRA facility seeking a permit. However, EPA believes that sampling and analytical data are often necessary as part of its preliminary assessment of releases from SWMUs (the RCRA Facility Assessment or RFA) before a permit is issued, and that it should have a mechanism to require the owner/operator to provide those data. As described in the proposed rule, EPA will conduct an RFA [1] on each facility during

[1] The RFA was previously known as the Preliminary Assessment/Site Investigation (PA/SI), but has been changed to distinguish it from the analogous CERCLA process. Similarly, the RFI (RCRA Facility Investigation) is analogous to a RI (Remedial Investigation under CERCLA. These

Continued

the permitting process to determine whether a release from a SWMU has or is likely to have occurred, as well as to determine what subsequent investigations may be necessary to identify and characterize the release further. When EPA conducts an RFA, it will rely first on existing information about the facility and a site visit to make this determination. Sampling is generally required only in situations where there is insufficient evidence on which to make an initial release determination. This requirement is not anticipated to place an unreasonable new resource burden on owners/operators. The actual extent of sampling will vary, however, depending on the amount and quality of existing information available.

The Agency also received a number of comments concerning certain descriptive information on SWMUs that the proposal required. One commenter objected that the proposed rule did not require a structural description of the solid waste management unit, arguing that this information is needed to determine the potential for releases of hazardous waste from the unit. Another suggested that EPA should require a hydrological study for solid waste management units as part of the permit application. A third commenter was concerned that the provision required information that may not be available for certain types of solid waste management units such as long-inoperative wood pallet or scrap metal storage areas.

As noted in the preamble to the proposed rule, the new requirements in § 270.14(d) are intended to assist the Agency in determining the existance or likelihood that there is or has been a release at a facility. Complete information on solid waste management units will enhance the Agency's ability to make these determinations; however, the Agency recognizes that for many solid waste management units, detailed information on waste characteristics and design of the units may not be available. Accordingly, the final rule states that while general information on solid waste management units (e.g., location, unit type, dimensions) is required for each unit, specification of all wastes that have been managed at the unit and information pertaining to releases from such units is required only to the extent that this information is available (with the exception of any additional data that may be required under § 270.14(d)(3)).

The Agency is generally retaining its proposed approach for the reasons stated above. EPA agrees, however, that structural descriptions of solid waste management units should be required to assist the Agency in determining the potential or likelihood that a release has occurred. The Agency recognizes that some SWMUs do not have defined engineered structures; in such cases this requirement would be satisfied by a general description. The final rule includes this requirement.

Another commenter expressed the concern that a conclusion from an RFA that no further investigation is necessary could be construed to shield owner/operators from any future responsibilities for responding to releases and implementing corrective action as necessary. The commenter further suggested that EPA should routinely require ground-water monitoring at certain types of solid waste management units, such as land treatment or disposal units, unless the facility could make a specific showing that no release has occurred or is likely to occur in the future.

The legislative history of section 3004(u) demonstrates that Congress intended to extend the requirements of section 3004(u) to releases that occur after permit issuance [see S. Rep. 98-284, 98th Cong. 1st Sess. 32 (1983)]. Although the emphasis of the corrective action program is on addressing releases that are identified at the time of permit issuance, the Agency recognizes the need to detect and correct future releases from SWMU's. EPA has authority under section 3004(u) to require ground-water monitoring to detect future releases. However, the Agency currently believes it is not necessary to require routine ground-water monitoring at all SWMU's located on Subtitle C facilities. EPA is considering the need to monitor solid waste management facilities more broadly in the context of its review of the Subtitle D program for the regulation of solid waste. In the interim, the Agency intends to exercise its monitoring authority under section 3004(u) on a case-by-case basis, writing permit conditions to require monitoring (or modeling) for any media where it finds that a SWMU is likely to release hazardous constituents that pose a threat to human health and the environment. The Agency may consider factors such as the volume and concentration of the constituents, site characteristics, unit design or other factors in making this determination.

In cases where releases from a SWMU are not identified at the time of permit issuance, the owner/operator has a continuing responsibility to report and address such releases (ref. § 270.30(1)). In addition, permits for land disposal facilities will be reviewed five years after issuance, to determine whether modifications to the permit, including any new or additional corrective action requirements should be added to the permit. At the time of permit reissuance, the Agency has the opportunity to reevaluate the potential for releases at the facility, and to address them in the context of the reissued permit.

Finally, the Agency received two comments requesting clarification of specific language in this provision. One commenter noted that paragraph (d)(3) should specify that sampling and analysis information be "supplied" to the permitting agency. Another commenter requested that the phrase "hazardous waste or constituents" in paragraph (d)(2) be clarified to read "hazardous waste or hazardous constituents." The final rule adopts these clarifications.

One commenter expressed the opinion that the permit application information requirements of § 270.14(d) should not apply to units in which certain wastes identified under RCRA section 3001(b)(3)(A)(i), including fossil fuel combustion wastes, are managed. The commenter argued that such wastes are exempt from coverage under § 3004(u), and therefore should not be required to comply with information requirements promulgated pursuant to section 3004(u). To support his contention, the commenter pointed out that section 3001(b)(3)(A) provides that these specified wastes shall be "subject only to regulation under other applicable provisions of Federal or state law in lieu of Subtitle C of RCRA until at least six months after the date of the submission of the applicable study required to be conducted under subsection * * * (n) * * * of section 8002" of RCRA. The commenter thus argued that since section 3004(u) is located in Subtitle C of RCRA, its requirements do not apply to fuel combustion wastes.

This comment raises a significant issue of statutory interpretation that applies not only to wastes from fossil fuel combustion, but also to three other categories of wastes excluded under section 3001. Section 3001(b)(3), the provision quoted above, also addresses wastes from the extraction, beneficiation and processing of ores and minerals ("mining wastes"), and cement kiln dust wastes. This provision is commonly called the "Bevill amendment." In addition, section 3001(b)(2) subjects drilling fluids,

procedures are described more fully in EPA's National Corrective Action Strategy, announced in the Federal Register of October 22, 1986 (51 FR 208).

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produced waters, and other wastes associated with the production of crude oil or natural gas or geothermal energy ("oil and gas wastes") to a similar limitation.

EPA does not agree that these exclusions extend to corrective action for releases from solid waste management units under section 3004(u). EPA believes that Congress enacted these provisions in 1980 to prohibit EPA from regulating these wastes as "hazardous" while it studied the impacts of such regulation. When Congress enacted these exemptions in 1980, Subtitle C provided only for the regulation of hazardous waste. Hence, the reference to "this subtitle" indicated only an intent to exclude these special wastes from EPA's hazardous waste regulations.

Section 3004(u), however, does not fit in the 1980 statutory scheme. Although it is located in Subtitle C, it provides for clean-up of releases of "hazardous constituents" (not just hazardous wastes) from both hazardous waste and solid waste management units. Indeed, section 3004(u) is the only provision in Subtitle C that reaches beyond the universe of hazardous waste. Thus, the question of statutory interpretation for the Agency is whether the exemption, which extends to regulation "under Subtitle C", should be read as covering the authorities granted to EPA to correct releases of hazardous constituents at solid waste management units.

EPA does not believe that Congress intended the exemptions in section 3001, which were clearly aimed at hazardous waste, to extend to corrective action for solid wastes under section 3004(u). Certainly nothing in the plain language of the legislative history of section 3004(u) suggests that Congress intended to create any exemptions for any category of solid waste. Furthermore, the commenter conceded that fossil fuel combustion wastes are "solid wastes" subject to corrective action regulation under Subtitle D and emergency clean-up orders under Section 7003. (See the brief of petitioner Edison Electric Institute in *United Technologies Corporation* v. *EPA*, D.C. Cir. No. 85-1654 consolidated cases.) It is more logical and consistent with Congressional goals to conclude that these solid wastes are similarly subject to clean-up requirements under section 3004(u).

An exemption from corrective action under section 3004(u) is also not necessary to achieve the goals of the original exemption in section 3001. The sponsors of the 1980 amendments were chiefly concerned with the lack of specific data showing that these solid wastes endangered human health and the environment, and the potential for disruptive economic impacts if these wastes were subject to regulation as hazardous wastes under Subtitle C. *See, e.g.*, 126 Cong. Rec. H1101-1102 (daily ed. Feb. 19, 1980) (remarks of Representative Bevill); 125 Cong. Rec. S6821 (daily ed. June 4, 1979) (remarks of Senator Huddleston). Section 3004(u), however, will not require any corrective action unless EPA obtains data showing that specific solid waste management units are releasing hazardous constituents in the manner that threatens human health and the environment. Furthermore, a decision to require clean-up under section 3004(u) will not require compliance with the full range of Subtitle C regulations. For example, the double liner retrofitting requirements in section 3005(j) would not apply to a solid waste management unit containing a Bevill waste or an oil and gas waste. Corrective action will not have the same economic impact as full Subtitle C regulation. As indicated, Congress provided for corrective action for solid wastes under Subtitle D and/or section 7003; coverage under section 3004(u) simply provides a linkage between corrective action and the hazardous waste permitting process.

In summary, EPA has concluded that "Bevill wastes" and oil and gas wastes are subject to the corrective action requirements of section 3004(u) when they are found in solid waste management units at facilities that need permits to manage hazardous wastes.

2. Corrective Action Beyond the Facility Boundary

In the March 28, 1986 proposed rule, the Agency proposed to codify section 3004(v) of HSWA by adding §§ 264.100(e) and 264.101(c) to the current regulations. This proposal required owners/operators of hazardous waste treatment, storage, and disposal facilities to institute corrective action beyond the facility boundary where necessary to protect human health and the environment, unless the owner/operator is denied access to adjacent lands despite the owner/operator's best efforts. This requirement also applies to permit-by-rule facilities required to compy with § 264.101.

In the preamble to the proposed rule, the Agency solicited comment on how "best efforts" should be defined, and what kind of documentation should be required. Several commenters questioned the need for rigid or defined rules as to what constitutes "best efforts," arguing that the circumstances surrounding individual sites vary extensively, and therefore can not be adequately addressed in a generic rulemaking. Other commenters suggested that a certified letter sent by the owner or operator requesting access to conduct corrective action should suffice to demonstrate best efforts to obtain permission from the adjacent landowner. EPA agrees with those commenters who argued the need for a flexible, case-by-case approach. In determining what constitutes "best efforts," the Agency will consider a number of factors, including the necessity of the off-site investigation, the extent and significance of the release, the contacts made between property owners, and the reasonableness of the efforts. In any case, the Agency believes that efforts to seek permission should, at a minimum, be demonstrated through a certified letter (or equivalent demonstration) from the owner/operator.

In the proposed rule, the Agency also requested comments on what kinds of corrective measures should be required on-site if permission to extend corrective action measures beyond the facility boundary is denied. Specifically, the Agency asked for comments on whether hydraulic gradient modifications or purchase of water rights should be required in these cases.

Several commenters cautioned that these alternatives may not be physically possible, legal, or effective in many cases. For example, gradient modifications may dewater neighbors' wells and streams, and water rights are not transferable in some states. In light of these considerations, the Agency agrees with those commenters who suggested that while these options may be appropriate at a particular site, they should not be an automatic requirement. Therefore, the agency will examine the feasibility and appropriateness of on-site measures on a case-by-case basis, considering site-specific hydrogeologic conditions and other relevant factors, in situations where off-site access is denied. Today's final rule has added to §§ 264.100(e)(2) and 264.101(c) to clarify that owner/operators are not relieved of responsibilities to perform on-site corrective actions if off-site access is denied.

EPA disagrees with those commenters who argued that if permission from the adjacent landowner is denied—despite the owner/operator's best efforts—the owner/operator should be relieved of all responsibility to clean up a release that has migrated beyond the facility boundary. The Agency believes that even if permission is denied, owners/operators may still not be relieved of their responsibility to undertake

corrective measures to address releases that have migrated beyond the facility boundary. In such cases, owner/operators may be required, on a case-by-case basis, to implement certain corrective measures on-site to clean up releases beyond the facility boundary if such measures are necessary to protect human health and the environment, and if they are possible, legal, and effective.

The proposed rule also clarified that assurances of financial responsibility must be provided for corrective action beyond the facility boundary. This requirement has been promulgated as proposed. One commenter objected to this provision, arguing that there is no specific requirement under section 3004(v) of HSWA that owner/operators must provide such assurances. EPA disagrees with this commenter's interpretation of sections 3004(u) and 3004(v) of HSWA. The Agency believes that Congress intended the financial assurance requirements of sections 3004(a)(6) and 3004(u) to apply to all corrective actions that are necessary to address releases from solid waste management units at a facility, regardless of whether those releases have migrated beyond the facility boundary and thus require off-site actions. Rules proposed on October 24, 1986 (51 FR 37854) address in detail requirements for financial assurance for corrective action.

3. Corrective Action for Injection Wells

The March 28, 1986 rule proposed amendments to three sections of existing regulations for underground injection wells which inject hazardous waste: 40 CFR 144.1(h), 144.31(g), and 144.56. These proposed amendments were intended to define the requirements for such wells as related to the corrective action provisions of RCRA section 3004(u). Today's final rule makes final two of the three proposed amendments: §§ 144.1(h) and 144.31(g). The following discussion provides a general outline of the Agency's overall approach to permitting of hazardous waste injection wells as related to corrective action requirements under RCRA and the Safe Drinking Water Act (SDWA). It also explains today's new regulatory amendment (§ 270.60(b)(3)(ii)), and how and why this final rulemaking differs from the proposal.

i. *SDWA and RCRA Permitting Scheme.* A hazardous waste injection well must have authorization to operate under both SDWA and RCRA. Authorization is obtained under SDWA through an Underground Injection Control (UIC) permit or an authorization by rule (see 40 CFR 144.21). RCRA authorization is obtained through interim status (40 CFR Part 265 Subpart R) or a permit-by-rule (40 CFR 270.60(b)). RCRA interim status facilities are considered to have a pending permit application, and must submit required information when it is called in by the regulatory authority. Neither RCRA nor SDWA authorization alone is sufficient to inject hazardous waste.

RCRA permits-by-rule issued after November 8, 1984 must address the corrective action requirements of RCRA section 3004(u), as codified in § 264.101 (see § 270.60(b)(3)). (The term "corrective action", in this context, is not the same as the term corrective action as used in the UIC program under 40 CFR 144.55 for plugging man-made conduits). Sections 264.101 and 270.60(b) require that a RCRA permit-by-rule issued after November 8, 1984, address corrective action for releases of hazardous waste or constituents from any solid waste management unit (SWMU) at the facility. Therefore, a RCRA permit-by-rule issued after this date must address any necessary corrective action not only for the well, but for all SWMU's at the facility.

The timing of implementation of section 3004(u) corrective action requirements at facilities with injection wells will vary, depending on the nature of the facility and its permitting status. The major categories of facilities, and the corresponding timing of implementation of section 3004(u) requirements, are discussed briefly below.

First, many injection wells with RCRA interim status are located at interim status facilities which have another unit or units that are subject to RCRA permitting (e.g., hazardous waste storage tanks). For these facilities, as for all facilities which inject hazardous waste, EPA intends to review potential releases from the injection well as part of the UIC permitting process (under SDWA authorities, and, if necessary, RCRA section 3008(h)). However, implementation of substantive requirements of section 3004(u) for the well and all SWMUs at the facility will be addressed through the first RCRA permit issued to the other hazardous waste unit(s) at the facility. Once the RCRA permit for the other unit(s) has been issued, the injection well would automatically obtain its permit-by-rule by fulfilling the corrective action requirements of § 270.60(b), provided that the other requirements of § 270.60(b) have been met.

Second, some hazardous waste injection wells are located at facilities with no other units subject to RCRA permitting. In this case, EPA will implement corrective action requirements of section 3004(u) as they apply to SWMUs on the surface concurrently with the UIC permit process. These requirements will be imposed in a RCRA "rider permit" to the UIC permit which would be issued according to RCRA permitting procedures in conjunction with issuance of the UIC permit. When the UIC and the RCRA "rider" permit have been issued, the well will have a RCRA permit-by-rule.

Third, some hazardous waste injection wells were issued UIC permits before November 8, 1984, and, therefore, are operating under a RCRA permit-by-rule rather than interim status. At the time the UIC permit is reissued, the facility must address the corrective action requirements for all SMWUs in order to renew the RCRA permit-by-rule. This will require a RCRA "rider" permit addressing section 3004(u) corrective action for all SWMUs for the wells to continue to handle hazardous waste.

Similarly, new injection wells or other wells which have never qualified for interim status and do not have a permit, will require a UIC permit and a RCRA "rider" permit addressing section 3004(u) corrective action for all SWMUs before the wells can handle hazardous waste.

ii. *Section 144.1(h).* Under previous requirements, issuance of a UIC permit essentially constituted issuance of a RCRA permit-by-rule, and, thus, provided the well's RCRA authorization. The final rule of July 15, 1985 (50 FR 28702) at § 270.60(b), however, now provides that the permit-by-rule requires 1) a UIC permit *and* 2) compliance with § 270.60(b) requirements (including corrective action). Thus, obtaining a UIC permit in and of itself is not sufficient to move a well from interim status to having a permit-by-rule. Therefore, § 144.1(h) of this final rule provides that hazardous waste injection wells now operating under RCRA interim status may retain RCRA interim status after issuance of a UIC permit. Until a RCRA permit, or a RCRA "rider" to a UIC permit, which addresses section 3004(u) corrective action is issued, the well must comply with applicable interim status requirements imposed by § 265.430, and Parts 144, 146, and 147 (and any requirement imposed in the UIC permit).

In addition to finalizing § 144.1(h), today's rule deletes § 265.1(c)(2) from existing regulations as a necessary conforming change. Section 265.1(c)(2) had provided that interim status requirements do not apply to a UIC well once its UIC permit has been issued.

This requirement is no longer appropriate since a facility must now do more than obtain a UIC permit to obtain a RCRA permit-by-rule.

Several comments were received on the § 144.1(h) regulatory amendment as proposed. One commenter expressed concern that a facility may be able to receive a UIC permit and maintain interim status in perpetuity, *i.e.*, without any specified date for conducting corrective action. EPA disagrees with this comment. In the case of injection wells without surface units subject to RCRA permitting, EPA will require a RCRA permit-by-rule to address corrective action for surface SWMUs at the same time as the UIC permit is issued. This will consolidate any necessary corrective action and avoid duplicative permit proceedings. For wells with surface units operating under interim status, corrective action for all SWMUs will be addressed when the surface unit(s) is permitted. The permitting of these units is subject to the statutory deadlines of HSWA, and therefore cannot be delayed significantly.

Furthermore, EPA believes that requiring injection wells in interim status to address corrective action for surface units at the time the UIC permit is issued would be counterproductive. One of the Agency's fundamental objectives in implementing the RCRA corrective action program is to assign highest priority to those facilities having the most serious environmental problems. If the Agency did not provide for the continuation of interim status after issuance of the UIC permit, it would be required either to (a) delay issuance of the UIC permit until RCRA corrective action for surface units could be addressed, or (b) process the corrective action portion of the RCRA permit before other facilities which may have more serious environmental problems. The Agency does not believe that either situation would effectively serve overall protection of human health and the environment. In any case, however, if EPA identifies the need for corrective action at injection wells with interim status, it will address any problems through RCRA section 3008(h) or other enforcement authorities.

iii. *Section 144.31(g).* Today's rule finalizes § 144.31(g), which requires submission of available information regarding operating history and condition of the injection well, as well as any available information on known releases from the well or injection zone as part of the UIC permit process. The submission of this information will be used to evaluate the need for further investigations or corrective action for such releases. Site investigations will be required only to the extent necessary to follow up Agency concerns which arise during an evaluation of available information on the well.

One commenter expressed concern that, as proposed, § 144.31(g)(2) could require submission of unnecessary information simply because it was "available," and suggested that "relevant" be added to qualify the statement. Another was concerned that site investigations would be required (under § 144.31(g)(3)) without evidence to support a concern about a release from a unit. Because evaluating historic releases can be difficult and the information that may be useful will follow no set pattern, EPA believes it is reasonable, and not an undue burden, for the applicant to submit whatever is available concerning corrective action. Obviously EPA only seeks information which relates to the problem, but the Agency believes that all pre-existing information should be analyzed by the regulating agency, rather than just the applicant. The intent of the amendment is to provide the Agency with the necessary information from owners/operators to support determinations as to whether more extensive investigations should be conducted to verify and fully characterize releases, and to compel corrective actions as necessary. Section 144.31(g)(2) has, therefore, been finalized unchanged from the proposal. New site investigations under § 144.31(g)(3), however, would only be required where necessary to determine whether a release has occurred. EPA believes the standard in the proposed rule is appropriate and incorporates this standard in the final rule.

iv. *Section 270.60(b)(3)(ii).* Today's rule amends the permit-by-rule regulations of § 270.60 to require UIC facility owner/operators to submit certain information related to corrective action with their UIC applications. As discussed above, in a few cases, an injection well which requires a RCRA permit-by-rule may be the only unit at the facility which requires a RCRA permit. In such cases, information on SWMUs at the facility would not be obtained through a RCRA permit application process for a surface facility. The permit-by-rule must, therefore, be the vehicle for implementing corrective action at such facilities. Since information on SWMUs at the facility is necessary to develop any required corrective action conditions in a permit, EPA is persuaded that submission of this information (specified in today's rule at § 270.14(d)) should be a requirement for obtaining a permit-by-rule for hazardous waste injection wells. Submission of this information is a step which must occur prior to the issuance of the permit-by-rule. Only after corrective action schedules are written in a RCRA rider to the permit would the well have a permit-by-rule. The preambie to the March, 1986 proposal indicated that EPA was considering amending the permit-by-rule regulations (§ 270.60) to include such a requirement. Today's rule finalizes this requirement.

v. *Section 144.56 (Deleted).* Proposed § 144.56 has been deleted from this final rule. This section would have established, within the UIC regulations, corrective action requirements to implement section 3004(u) for the injection well through UIC permits. This proposed provision would have had the effect of implementing corrective action under RCRA section 3004(u) for the injection well under one permit, and for the surface units at the facility under a different permit at a different time. Upon further consideration, EPA has decided against adopting this approach. This decision is in keeping with the language of section 3004(u) which calls for corrective action to be addressed for the entire facility at the time the RCRA permit is issued. Section 3004(u) is a permit-related authority; EPA has concerns about the availability of this authority outside the context of a RCRA facility permit. Enforcement authorities under section 3008(h) and other authorities will be used as necessary to address corrective action at interim status facilities with injection wells prior to issuance of a RCRA permit.

vi. *Comments on Applicability of Section 3004(u) to Hazardous Waste Injection Wells.* Several commenters on the proposed rule suggested that section 3004(u) authority should not apply at all to facilities subject to permit-by-rule requirements. The Agency reaffirms its position, stated in the final codification rule issued on July 15, 1985 (50 FR 28712), that it sees no legal basis for departing from a literal reading of the statute, which appears to encompass *any* section 3005(c) permit within its mandate. Permits issued under section 3005(c) include those for any facility conducting or planning to conduct treatment, storage, or disposal of hazardous wastes. None of these comments argue that Class 1 wells are outside the bounds of the activities described; they argue that, because the units are seeking permits under the UIC program in 40 CFR Part 144, they are not seeking a permit under section 3005(c) of RCRA. Hazardous waste injection wells

seeking UIC permits are simultaneously seeking RCRA permits.

RCRA, as well as EPA regulations (40 CFR 270.1(c) (2) and (3)), contain exemptions to the section 3005(c) permitting requirements for specific types of facilities treating, storing, or disposing of hazardous waste. For example, section 3006(f) of RCRA specifically exempts facilities with coal mining wastes and reclamation permits from coverage by regulations promulgated under Subtitle C. Such a specific exclusion indicates that Congress consider which, if any, holders of other permits should be exempt from permitting under section 3005(c). Injection wells, however, are not specifically exempted by Congress, and, in fact, are specifically included as requiring a RCRA permit under 40 CFR 270.1(c)(1). The permit-by-rule was established to acknowledge that the standards already established under the Safe Drinking Water Act would constitute acceptable standards for RCRA section 3005(c).

One commenter suggested that EPA's proposed regulation regarding standards for managing recycled used oil (50 FR 49212, November 29, 1985) is inconsistent with the Agency position that corrective action applies to facilities subject to a RCRA permit-by-rule. However, the situation of recycled oil facilities differs significantly from that of UIC wells operating under a permit-by-rule. Section 3004(u) clearly states that corrective action must be addressed in permits issued under section 3005, which includes permits-by-rule for injection wells. The preamble to the proposed recycled used oil rule indicated that standards promulgated under section 3004(u) would not apply to certain recycled oil facilities. This is because recycled oil facilities are subject to permitting requirements under section 3014(d), rather than under section 3005(c). Therefore, the corrective action requirements of section 3004(u) do not apply. Further, the recycled oil proposal should not be considered a statement of final Agency policy; in a Federal Register notice at 51 FR 41903 (November 19, 1986), the Agency indicated that the used oil facility standards require further study before being finalized. The limited situation described in that proposal is not analogous to a facility with Class I underground injection wells which inject hazardous waste.

vii. *Comments on Migration Within Injection Zone.* Two commenters expressed concern that corrective action requirements for releases which migrate beyond the facility boundary, proposed in § 144.56(c), should not apply to wastes in the injection zone (a geological formation which may extend underground beyond the property boundary established on the surface). EPA has already stated in the preamble to the final codification rule issued on July 15, 1985 (see 50 FR 28712) that emplacement of liquids into an injection zone through a well does not constitute a *release* from a solid waste management unit, but rather is migration within a unit. Since RCRA corrective action requirements only apply to *releases* of hazardous waste or hazardous constituents from solid waste management units, the requirements do not apply to the wastes within an injection zone as described in the comments.

B. Permits

1. Permit Modifications

Section 270.41(a)(3) allows permits to be modified because of amended standards or regulations only if the permittee requests such modification. In the March 28, 1986 proposed rule, the Agency proposed to expand this provision in light of the recent statutory amendments to section 3005(c) of RCRA. This amendment allows EPA to initiate modifications to a permit without first receiving a request from the permittee, in cases where statutory changes or new or amended regulatory standards affect the basis of the permit.

Several commenters objected to the proposed rule on the grounds that it was unnecessary or would place permitted facilities in jeopardy of permit changes and would interfere with long-term planning. Some commenters suggested that EPA not initiate permit modifications except according to the schedule for the five-year or ten-year permit renewal. The Agency considered these comments but is promulgating this section as proposed. In order to minimize threats to human health and the environment, the Agency considers it important—and consistent with Congressional intent—to have the regulatory authority to modify RCRA permits when statutory changes or new regulations affect the standards on which the permits were based. Moreover, EPA does not believe that this requirement will unduly restrict planning efforts at RCRA facilities. Permit holders will be protected through standard rulemaking procedures against arbitrary or unnecessary changes, as well as by procedural protections built into the permit modification process. EPA does not intend to use this authority for minor procedural changes in regulatory requirements, rather, it is intended for significant amendments which may provide a substantial increase in protection of human health or the environment at a particular site.

The Agency also disagrees with those commenters who suggested that, to avoid potential abuse, EPA should codify specific conditions and criteria for reopening permits under this provision. The Agency believes that it would be unnecessarily time- and resource-consuming to issue specific guidance, criteria, or rules for its use. EPA will use this authority where it is necessary to protect human health and the environment, and does not believe that it should be limited to statutory provisions intended to have immediate effect, as one commenter suggested.

In a related activity, EPA has recently completed regulatory negotiations on RCRA permit modification with representatives of industry, States, and public interest groups, and will be issuing a proposed rule based on the results of these negotiations. While EPA's proposal on permit modifications may substantially alter modification procedures, it will retain the principle that EPA or an authorized State may initiate modification procedures in cases where permit conditions are inconsistent with new statutory or regulatory requirements.

2. Permit as a Shield

The March 28, 1986 proposed rule sought to amend the "permit as a shield" provision (§ 270.4(a)) to clarify that permittees must comply with new requirements that are imposed by statute and with the land disposal regulations promulgated in 40 CFR Part 268.

Several comments on this proposed amendment addressed the question of how new requirements would actually be imposed on the permittee; that is, whether or not permits would have to be modified, and whether or not authorized States would have to have adopted these requirements, for the requirements to be enforceable. EPA emphasizes that these requirements are self-implementing and they are effective—and enforceable—at RCRA facilities regardless of whether or not the facility's permit has specific conditions that require compliance, or, for changes imposed by HSWA, an authorized State has formally incorporated these requirements into its regulations (RCRA section 3006(g)). In fact, it is the responsibility of the owner/operator to comply with these requirements, even where there are contrary permit conditions (e.g., after certain specified dates, a land disposal facility is not

allowed to accept and dispose of a restricted waste, unless it has met the required treatment standard, regardless of the conditions stated in the facility's permit).

Because the statutory and regulatory requirements described in § 270.4(a) are effective regardless of permit conditions, EPA is not required to reopen existing permits to incorporate them and generally will not do so. However, permits issued after the effective date of a regulatory or statutory change would generally cite these requirements, so that their applicability would be clear both to the permittee and the public.

3. Permit Conditions as Necessary to Protect Human Health and the Environment

The March 28, 1986 proposed rule sought to amend the existing general permit application requirements under § 270.10 by adding a new paragraph (k) establishing the Administrator's authority to require information from permit applicants concerning permit conditions necessary to protect human health and the environment. The Agency previously codified the HSWA provision which allowed EPA to establish permit conditions necessary to protect human health and the environment in § 270.32(b) (section 3005(c)).

A number of commenters argued that EPA's "omnibus" authority under section 3005(c) should be limited to special or unique circumstances different from those addressed in the regulations (such as the permitting of hazardous waste disposal/storage in underground mines), or to additional permit conditions which are "absolutely necessary" and intended to be incorporated in all similar facility permits. The Agency does not agree with these interpretations. The language of section 3005(c) as amended by HSWA gives the Agency broad authority to impose permit conditions necessary to protect human health and the environment, and does not contain the limitations suggested by the commenters. As noted in the preamble to the July 15, 1985 final rule, the Agency believes the Congressional intent underlying this provision includes authorization to impose permit conditions beyond those mandated by the regulations. Thus, in specific circumstances where regulatory requirements may be inadequate, the Agency believes that the use of 3005(c) authority is not limited either to unique cases or to "absolutely necessary" conditions affecting all similar facilities.

EPA agrees with those commenters who stated that the authority to require submittal of information to support permit conditions that are imposed under the authority of § 270.32(b) should be used sparingly, and not for random and unjustified "fishing expeditions," or for conditions unrelated to hazardous waste activities. The Agency intends to use this requirement only where necessary to protect human health and the environment, and only to address specific environmental circumstances that are not adequately covered in existing regulations. Therefore, § 270.10(k) is finalized as proposed.

4. Post-closure Permits

i. Applicability and Effective Date

Section 3005(j) of RCRA requires that all landfills, surface impoundments, waste piles and land treatment units which received hazardous wastes after July 26, 1982, comply with the same groundwater monitoring, unsaturated zone monitoring, and corrective action requirements that apply to new units. To implement this requirement, EPA proposed an amendment to § 270.1(c) that would require post-closure permits for all land disposal units receiving hazardous wastes after that date. This proposed amendment was intended to establish consistency between the Part 264 groundwater protection requirements and the requirement to obtain post-closure permits. Previously, post-closure permits were required for land disposal units which closed after January 26, 1983, while new section 3005(j) imposed Part 264 Subpart F requirements on any land disposal unit which received wastes after July 26, 1982.

The Agency received numerous comments on this proposal. Several commenters supported the proposal, whereas others questioned EPA's basic authority to required post-closure permits for RCRA facilities in general, and specifically for surface impoundments which closed by removal under interim status. The commenters cited the language of § 270.1(c), which requires post-closure permits for units which are subject to post-closure care requirements of § 264.117. The commenters argued that impoundments which closed under interim status would not be required to receive post-closure permits, since they are not subject to § 264.117. EPD does not agree with the commenters who argue that EPA does not have authority to require RCRA permits for facilities during a "post-closure" period. See 47 FR 32291, 32292, 32336 (July 26, 1982). Furthermore, EPA has always intended that land disposal units that received waste after the effective date of Part 264 regulations must obtain permits and meet Part 264 requirements, even if they close under interim status [see 47 FR 32336 (July 26, 1982)]. In additional, new section 3005(j) makes compliance with certain Part 264 rules a statutory requirement. Section 3005(j) subjects interim status regulated units to those ground-water monitoring, unsaturated zone monitoring and corrective action requirements which are applicable to new permitted units. Therefore, since a permitted unit would be required to meet permit conditions providing for post-closure care if closure by removal failed to meet the standard of § 264.228, interim status units must be treated in the same manner. EPA thus rejects the commenters' contention that post-closure permits cannot be required for units which closed under interim status. In today's final rule, the proposal to amend § 270.1(c) by eliminating the reference to § 264.117 has been adopted. This clarifies that units which close by removal under interim status rules are subject to post-closure requirements.

Several commenters argued that requiring post-closure permits for land disposal units that received wastes after July 26, 1982 increases the permit burden on the Agency and industry unnecessarily. Alternatives to the proposed post-closure permit requirement were suggested, including (1) amending Part 264 Subpart F so that it would apply only when a release is indicated by Part 265 monitoring, and (2) relying solely on the interim status closure and post-closure requirements of Part 265 to provide the requisite groundwater protection measures. Section 3005(j) prohibits both alternatives, since it requires units to meet the Part 264 standards. Furthermore, the Agency is persuaded that the groundwater protection standards of Part 264 provide a more environmentally protective mechanism for addressing goundwater protection at closed facilities than would be obtained through interim status closure and post-closure requirements.

Several commenters argued that the proposed rule would create a "loophole" in the applicability of post-closure permits. The proposal, in tying applicability of post-closure permits to the receipt of waste after July 26, 1982, would not have required post-closure permits for units which stopped receiving wastes prior to that date, but which did not complete closure until after January 26, 1983. Thus, some units which previously were subject to the post-closure permits requirement [i.e., that closed after 1/26/83], would be released from such requirements under the proposal. EPA agrees that such a loophole is not desirable. Therefore,

today's final rule differs from the proposed revision to § 270.1(c) by requiring post-closure permits for any landfill, surface impoundment, waste pile, or land treatment unit which received waste after July 26, 1982, *or* which closed after January 26, 1983. The term "closure" in this context has been clarified to mean certification of closure according to § 265.115. An exception to this post-closure permit requirement would be in the case of units which close by removal or decontamination according to the requirements of Part 264 (i.e., §§ 264.228, 264.258, 264.280(e); See following discussion).

ii. *Closure by Removal.* The preamble to the proposed rule also discussed how the proposal will affect regulated units which close by removal according to Part 265. The preamble acknowledged that permitted surface impoundments, waste piles, and land-treatment units need not conduct post-closure care under a post-closure permit if they satisfy the requirements for closure by removal or decontamination in §§ 264.228 (for surface impoundments), 264.258 (for waste piles), or 264.280(e) (for land treatment units). However, the interim status units that closed by removal under Part 265 standards as written prior to the recent promulgation of conforming changes to the Part 268 closure standards, may not meet Part 264 standards for closure by removal. Such units would retain post-closure responsibilities, including the requirement to obtain post-closure permits. The recent conforming changes rule made the interim status standards for closure by removal for surface impoundments equivalent to the permitting standards for surface impoundment closures. See 52 FR 8704 (March 19, 1987).

The preamble to the March 28, 1988 proposal requested comment on whether all facilities that closed by removal under Part 265 be considered subject to post-closure permitting requirements, or whether EPA should allow facilities to demonstrate that they complied with Part 264 closure standards, and thus do not require post-closure permits. A number of commenters supported the idea of a equivalency demonstration which would serve to establish whether a closed unit met the Part 264 standards, and which would be implemented through a process which EPA would define. One commenter suggested that EPA or the state should base the determination of equivalency on a review of the closure plan and its implementation. Another commenter supported the idea of using the post-closure permit application process to gather necessary information on which to base a determination of equivalency. Several commenters opposed an alternative to the post-closure permitting process for making such determinations, since they believed it would involve less public participation, lacked a corrective action "trigger," and would not assure that Part 264 standards were met.

After considering these comments, EPA has decided to use the Part B permit application process as the primary mechanism for collecting the information to allow a determination to be made as to whether a regulated unit which closed by removal or decontamination did so in compliance with the corresponding requirements of Part 264. The Part B application process is a well-established system for reviewing the types of groundwater, soil and other sampling and analytical data that will typically be required in determining the "equivalency" of interim status closure. However, the Agency has decided that an owner-operator should be allowed to demonstrate that a unit has been closed in accordance with the Part 264 closure by removal or decontamination standards, without having to submit a full Part B application for a post-closure permit. Therefore, the Agency is establishing a mechanism in today's rulemaking to allow such "equivalency demonstrations" to be made outside the Part B permit process.

As provided by § 270.1(c)(5)(ii) (promulgated today) an owner/operator may request the Regional Administrator to determine whether a post-cloture permit is required for a surface impoundment, waste pile or land treatment unit that closed according to Part 265 closure standards. These requests may be submitted at any time at the discretion of the owner/operator, including when EPA calls in the Part B post-closure permit application. If the owner or operator has not previously submitted a Part B permit application, he must provide sufficient information, including data on contaminant levels in soil and ground water, to demonstrate that the applicable Part 264 standards for closure by removal or decontamination have been met.

The Agency will review the information to determine whether the "equivalency" of the closure has been successfully demonstrated. If EPA determines that the interm statue closure has met the appropriate Part 264 closure standard, a full Part B permit application will not be required to be submitted, nor will a post-closure permit be issued. The Agency will give public notice of such determinations and provide the opportunity for public comment using a procedure that parallels the closure plan approval procedures outlined in § 265.112(d)(4). If EPA determines that the closure does not meet the Part 264 standards, the owner/operator will be required to submit a Part B permit application containing all the applicable information in accordance with Part 270, and EPA will issue a post-closure permit. EPA anticipates that the number of "non-equivalent" interim status closures will decrease as the new conforming changes rule takes effect. This determination process will apply primarily to closures completed under the previous interim status rules.

It should be understood that the process of demonstrating equivalency of closure will not affect the due date of a Part B application once it has been requested. If a petition is submitted after a Part B has been requested, it may be difficult for the Agency, given the time required to review the data and process the petition, to make a determination well in advance of the Part B due date. This could create difficulties, especially when a petition is rejected, allowing little time for the owner/operator to prepare a Part B by the specified due date. The Agency therefore urges owners/operators who intend to submit equivalency demonstrations to do so before the facility's Part B is requested.

One commenter on the proposed rule raised concerns regarding facilities which are able to successfully demonstrate "equivalency" for a closed unit, and which thereby may not be required to obtain a post-closure permit for the facility. Specifically, the commenter noted that the absence of a permitting requirement would relieve the owner/operator of the responsibility for complying with section 3004(u) corrective requirements. The commenter further argued that, although such facilities will be subject to section 3008(h) interim status corrective action order authority, this enforcement authority is an "inadequate substitute" for section 3004(u) is obtaining corrective action.

EPA does not agree that the section 3008(h) authority is inadequate as a means of addressing necessary corrective action at facilities with units that have successfully demonstrated equivalent closure by removal. Section 3008(h) is substantially identical to section 3004(u) in terms of the type and scope of cleanup actions which can be required of facility owner/operators. Although procedurally the two authorities differ, and the enforcement authority is discretionary in the sense

that it is not automatically triggered upon issuance of a permit. It is the Agency's view that section 3008(h) can and will be used effectively to address necessary corrective action requirements at facilities which will not require post-closure permits due to "equivalent" closure.

IV. State Authority

A. Applicability of Rules in Authorized States

Under section 3006 of RCRA, EPA may authorize qualified States to administer and enforce the RCRA program within the State (See 40 CFR Part 271 for the standards and requirements for authorization.) Following authorization, EPA retains enforcement authority under sections 3008, 7003, and 3013 of RCRA, although authorized States have primary enforcement responsibility.

Prior to HSWA, a State with final authorization administered its hazardous waste program entirely in lieu of the Federal program. The Federal requirements no longer applied in the authorized State, and EPA could not issue permits for any facilities in a State where the State was authorized to issue permits. When new, more stringent Federal requirements were promulgated or enacted, the State was obligated to enact equivalent authority within specified time frames. New Federal requirements did not take effect in an authorized State until the State adopted the requirements as State law.

In contrast, under section 3006(g) of RCRA, 42 U.S.C. 6926(g), new requirements and prohibitions imposed by the HSWA take effect in authorized States at the same time they take effect in nonauthorized States. EPA is directed to carry out those requirements and prohibitions in authorized States, including the issuance of permits, until the State is granted authorization to do so. While States must still adopt HSWA-related provisions as State law to retain final authorization, the HSWA requirements are applied by EPA in authorized States in the interim.

Today's rule is promulgated pursuant to RCRA sections 3004(u), 3004(v) and 3005(i). These provisions were added by HSWA. Therefore, the Agency is adding the requirement to Table 1 in § 271.1(j) which identifies the Federal program requirements that are promulgated pursuant to HSWA and that take effect in all States, regardless of their authorization status. States may apply for either interim or final authorization for the HSWA provisions identified in Table 1, as discussed in the following section of this preamble.

B. Effect on State Authorizations

As noted above, EPA will implement today's rule in authorized States until they modify their programs to adopt these rules and the modification is approved by EPA. Because the rule is promulgated pursuant to HSWA, a State submitting a program modification may apply to receive either interim or final authorization under section 3006(g)(2) or 3006(b), respectively, on the basis of requirements that are substantially equivalent or equivalent to EPA's. The procedures and schedule for State program modifications for either interim or final authorization are described in 40 CFR 271.21. It should be noted that all HSWA interim authorizations will expire January 1, 1993 (see § 271.24(c)).

40 CFR 271.21(e)(2) requires that States that have final authorization must modify their programs to reflect Federal program changes, and must subsequently submit the modifications to EPA for approval. The deadline for State program modifications for this rule is July 1, 1989 (or July 1, 1990 if a state statutory change is needed). These deadlines can be extended in certain cases (40 CFR 271.21(e)(3)). Once EPA approves the modification, the State requirements become Subtitle C RCRA requirements.

States with authorized RCRA programs may already have requirements similar to those in today's rule. These State regulations have not been assessed against the Federal regulations beings promulgated today to determine whether they meet the tests for authorization. Thus, a State is not authorized to implement these requirements in lieu of EPA until the State program modification is approved. Of course, States with existing standards may continue to administer and enforce their standards as a matter of State law. In implementing the Federal program, EPA will work with States under cooperative agreements to minimize duplication of efforts. In many cases EPA will be able to defer to the States in their efforts to implement their programs, rather than take separate actions under Federal authority.

States that submit their official applications for final authorization less than 12 months after the effective date of these standards are not required to include standards equivalent to these standards in their application. However, the State must modify its program by the deadline set forth in § 271.21(e). States that submit official applications for final authorization 12 months after the effective date of these standards must include standards equivalent to these standards in their application. The process and schedule for final State authorization applications is described in 40 CFR 271.3.

It should be noted that authorized States are only required to modify their programs when EPA promulgates Federal standards that are more stringent or broader in scope than the existing Federal standards. However, none of the standards promulgated today are considered to be less stringent than or to reduce the scope of the existing Federal requirements.

V. Effective Dates

EPA believes it has a sound basis for suspending the statutory six-month effective date (RCRA section 3010(b)) for certain provisions promulgated today. HSWA amended section 3010(b) to provide that EPA may shorten or provide for an immediate effective date where (1) the regulated community does not need six months to come into compliance, (2) the regulation responds to an emergency situation, or (3) there is other good cause. Sections 144.1(h) and 265.1(c)(2) (which is deleted by this rule) are not new requirements but merely clarify that a UIC well may obtain a UIC permit under Part 144 but still maintain RCRA interim status. The sections outlining information necessary for corrective action permit decisions (§ 144.31(g), 270.14 (c) and (d), and 270.60(b)(3)(ii)) are necessary to process what is already a statutory requirement. In most cases the authority to request the information already exists. For other provisions of today's rulemaking relating to corrective action and permitting requirements, EPA believes that the regulated community does not need six months to come into compliance with these regulations. Therefore, §§ 265.1(c)(2), 270.1(c), 270.4(a) 270.10(k), 270.14 (c) and (d), 270.41(a)(3), 270.60(b)(3)(ii) and 271.1(j) will become effective in thirty days, as required by the Administrative Procedures Act, 5 U.S.C. 553(d).

In addition regulations pertaining to corrective action beyond the facility boundary (§§ 264.100(e) and 264.101(c)), implementing section 3004(v) of RCRA, will become effective on the date of promulgation. Section 3004(v) requires the Agency to amend its regulatory standards to address corrective actions beyond the facility boundary and states that these amendments "shall take effect immediately upon promulgation, notwithstanding section 3010(b) * * *."

VI. Regulatory Analyses

A. Regulatory Impact Analysis

Executive Order No. 12291 requires each Federal agency to determine if a regulation is a "major" rule as defined by the order and "to the extent permitted by law," to prepare and consider a Regulatory Impact Analysis (RIA) in connection with every major rule.

This rule establishes several information requirements, and merely codifies corrective action requirements for releases migrating beyond the property boundary. It does not however, establish the specific levels that facilities must meet in taking corrective actions. The Agency intends to specify these levels in a proposed rule being developed under section 3004(u) of RCRA, along with a complete assessment of the costs, impacts and benefits.

The regulatory impact analysis for today's rule, therefore, only addressed the costs associated with new information requirements. These information requirements alone do not impose costs that would make it a major rulemaking as defined by Executive Order No. 12291. This regulation is thus not considered to be a major rule.

A complete assessment of the impacts of the section 3004 (u) and (v) corrective action requirements which EPA anticipates to be major, will be addressed in the RIA that is now being prepared as part of the section 3004(u) regulations. The RIA will accompany the section 3004(u) rule when it is proposed.

This final rule was submitted to the Office of Management and Budget (OMB) for review as required by Executive Order No. 12291.

B. Regulatory Flexibility Act

Under the Regulatory Flexibility Act, 5 U.S.C. 601 *et seq.*, at the time an agency publishes any proposed or final rule in the Federal Register, it must prepare a Regulatory Flexibility Analysis which describes the impact of the rule on small businesses and organizations, unless the Agency's Administrator certifies that the rule will not have a significant economic impact on a substantial number of small entities.

The Agency has examined the final rule's potential impacts on small business and has concluded that this regulation will not have a signficant impact on a substantial number of small entities. In a cost analysis accompanying the March 28, 1986 proposal, EPA compared potential costs of compliance to its 1982 implementation criteria for a Regulatory Flexibility Analysis. Under the most stringent regulatory scenario, neither costs nor impacts of the proposed rule met the criteria for significant impact. Therefore, this final rule does not require a Regulatory Flexibility Analysis.

Accordingly, I hereby certify that this proposed rule will not have a significant impact on a substantial number of small entities.

C. Paperwork Reduction Act

Under the Paperwork Reduction Act of 1980, 44 U.S.C. 3501 *et seq.*, EPA must estimate the paperwork burden created by any information collection request contained in the proposed or final rule.

The information collection requirements in this final rule have been approved by OMB in accordance with the Paperwork Reduction Act of 1980 and were assigned OMB Control Nos. 2050–0009, 2050–0002, and 2050–0007.

List of Subjects

40 CFR Part 144

Administrative practice and procedure, Confidential business information, Hazardous waste, Indian lands, Reporting and record-keeping requirements, Surety bonds, Water supply.

40 CFR Part 264

Hazardous waste, Insurance, Packaging and containers, Reporting and recordkeeping requirements, Security measures, Surety bonds, Water supply.

40 CFR Part 265

Hazardous waste, Insurance, Packaging and containers, Reporting and recordkeeping requirements, Security measures, Surety bonds, Water supply.

40 CFR Part 270

Administrative practice and procedure, Confidential business information, Hazardous waste, Reporting and recordkeeping requirements, Water pollution control, Water supply.

49 CFR Part 271

Administrative practice and procedure, Confidential business information, Hazardous materials transportation, Hazardous waste, Indian lands, Intergovernmental relations, Penalties, Reporting and recordkeeping requirements, Water pollution control, Water supply.

Dated: November 16, 1987.

Lee M. Thomas,

Administrator.

Therefore, Title 40 of the Code of Federal Regulations is amended as follows:

PART 144—REQUIREMENTS FOR THE UNDERGROUND INJECTION CONTROL PROGRAM

1. The authority citation for Part 144 is revised to read as follows:

Authority: 42 U.S.C. 300(f) et seq.; and 42 U.S.C. 6901 et seq.

2. In § 144.1, paragraph (h) is added to read as follows:

§ 144.1 Purpose and scope of Part 144.

* * * * *

(h) *Interim Status Under RCRA for Class I Hazardous Waste Injection Wells.* The minimum national standards which define acceptable injection of hazardous waste during the period of interim status under RCRA are set out in the applicable provisions of this Part, Parts 146 and 147, and § 265.430 of this chapter. The issuance of a UIC permit does not automatically terminate RCRA interim status. A Class I well's interim status does, however, automatically terminate upon issuance to that well of a RCRA permit, or upon the well's receiving a RCRA permit-by-rule under § 270.60(b) of this chapter. Thus, until a Class I well injecting hazardous waste receives a RCRA permit or RCRA permit-by-rule, the well's interim status requirements are the applicable requirements imposed pursuant to this Part and Parts 146, 147, and 265 of this chapter, including any requirements imposed in the UIC permit.

3. In § 144.31, paragraph (g) is revised to read as follows:

§ 144.31 Application for a permit; authorization by permit.

* * * * *

(g) *Information Requirements for Class I Hazardous Waste Injection Wells Permits.* (1) The following information is required for each active Class I hazardous waste injection well at a facility seeking a UIC permit:

(i) Dates well was operated.

(ii) Specification of all wastes which have been injected in the well, if available.

(2) The owner or operator of any facility containing one or more active hazardous waste injection wells must submit all available information pertaining to any release of hazardous waste or constituents from any active hazardous waste injection well at the facility.

(3) The owner or operator of any facility containing one or more active Class I hazardous waste injection wells must conduct such preliminary site investigations as are necessary to determine whether a release is occurring, has occurred, or is likely to have occurred.

PART 264—STANDARDS FOR THE OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

4. The authority citation for Part 264 is revised to read as follows:

Authority: 42 U.S.C. 6905, 6912(a), 6924, and 6925.

5. Section 264.100 is amended by redesignating paragraph (e) (1) and (2) as (e) (3) and (4), by adding new paragraphs (e) (1) and (2), and by revising the introductory text of paragraph (e) to read as follows:

§ 264.100 Corrective action program.

* * * * *

(e) In addition to the other requirements of this section, the owner or operator must conduct a corrective action program to remove or treat in place any hazardous constituents under § 264.93 that exceed concentration limits under § 264.94 in groundwater:

(1) Between the compliance point under § 264.95 and the downgradient property boundary; and

(2) Beyond the facility boundary, where necessary to protect human health and the environment, unless the owner or operator demonstrates to the satisfaction of the Regional Administrator that, despite the owner's or operator's best efforts, the owner or operator was unable to obtain the necessary permission to undertake such action. The owner/operator is not relieved of all responsibility to clean up a release that has migrated beyond the facility boundary where off-site access is denied. On-site measures to address such releases will be determined on a case-by-case basis.

* * * * *

6. In § 264.101, paragraph (c) is added to read as follows:

§ 264.101 Corrective action for solid waste management units.

* * * * *

(c) The owner or operator must implement corrective actions beyond the facility property boundary, where necessary to protect human health and the environment, unless the owner or operator demonstrates to the satisfaction of the Regional Administrator that, despite the owner's or operator's best efforts, the owner or operator was unable to obtain the necessary permission to undertake such actions. The owner/operator is not relieved of all responsibility to clean up a release that has migrated beyond the facility boundary where off-site access is denied. On-site measures to address such releases will be determined on a case-by-case basis. Assurances of financial responsibility for such corrective action must be provided.

PART 265—INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

7. The authority citation for Part 265 is revised to read as follows:

Authority: 42 U.S.C. 6905, 6912(a), 6924, 6925, and 6935.

§ 265.1 [Amended].

8. In § 265.1 paragraph (c)(2) is removed and reserved.

PART 270—EPA-ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE PERMIT PROGRAM

9. The authority citation for Part 270 is revised to read as follows:

Authority: 42 U.S.C. 6905, 6912, 6924, 6925, 6927, 6939, and 6974.

10. In § 270.1, the introductory text of paragraph (c) is revised and paragraphs (c)(5) and (c)(6) are added to read as follows:

§ 270.1 Purpose and scope of these regulations.

* * * * *

(c) *Scope of the RCRA Permit Requirement.* RCRA requires a permit for the "treatment," "storage," and "disposal" of any "hazardous waste" as identified or listed in 40 CFR Part 261. The terms "treatment," "storage," "disposal," and "hazardous waste" are defined in § 270.2. Owners and operators of hazardous waste management units must have permits during the active life (including the closure period) of the unit. Owners or operators of surface impoundments, landfills, land treatment units, and waste pile units that received wastes after July 26, 1982, or that certified closure (according to § 265.115) after January 26, 1983, must have post-closure permits, unless they demonstrate closure by removal as provided under § 270.1(c) (5) and (6). If a post-closure permit is required, the permit must address applicable Part 264 Groundwater Monitoring, Unsaturated Zone Monitoring, Corrective Action, and Post-closure Care Requirements of this chapter.

* * * * *

(5) *Closure by removal.* Owners/operators of surface impoundments, land treatment units, and waste piles closing by removal or decontamination under Part 265 standards must obtain a post-closure permit unless they can demonstrate to the Regional Administrator that the closure met the standards for closure by removal or decontamination in § 264.228, § 264.280(e), or § 264.258, respectively. The demonstration may be made in the following ways:

(i) If the owner/operator has submitted a Part B application for a post-closure permit, the owner/operator may request a determination, based on information contained in the application, that section 264 closure by removal standards were met. If the Regional Administrator believes that § 264 standards were met, he/she will notify the public of this proposed decision, allow for public comment, and reach a final determination according to the procedures in paragraph (c)(6) of this section.

(ii) If the owner/operator has not submitted a Part B application for a post-closure permit, the owner/operator may petition the Regional Administrator for a determination that a post-closure permit is not required because the closure met the applicable Part 264 closure standards.

(A) The petition must include data demonstrating that closure by removal or decontamination standards were met, or it must demonstrate that the unit closed under State requirements that met or exceeded the applicable 264 closure-by-removal standard.

(B) The Regional Administrator shall approve or deny the petition according to the procedures outlined in paragraph (c)(6) of this section.

(6) *Procedures for closure equivalency determination.* (i) If a facility owner/operator seeks an equivalency demonstration under § 270.1(c)(5), the Regional Administrator will provide the public, through a newspaper notice, the opportunity to submit written comments on the information submitted by the owner/operator within 30 days from the date of the notice. The Regional Administrator will also, in response to a request or at his/her own discretion, hold a public hearing whenever such a hearing might clarify one or more issues concerning the equivalence of the Part 265 closure to a Part 264 closure. The Regional Administrator will give public notice of the hearing at least 30 days before it

occurs. (Public notice of the hearing may be given at the same time as notice of the opportunity for the public to submit written comments, and the two notices may be combined.)

(ii) The Regional Administrator will determine whether the Part 265 closure met 264 closure by removal or decontamination requirements within 90 days of its receipt. If the Regional Administrator finds that the closure did not meet the applicable Part 264 standards, he/she will provide the owner/operator with a written statement of the reasons why the closure failed to meet Part 264 standards. The owner/operator may submit additional information in support of an equivalency demonstration within 30 days after receiving such written statement. The Regional Administrator will review any additional information submitted and make a final determination within 60 days.

(iii) If the Regional Administrator determines that the facility did not close in accordance with Part 264 closure by removal standards, the facility is subject to post-closure permitting requirements.

11. In § 270.4, paragraph (a) is revised to read as follows:

§ 270.4 Effect of a permit.

(a) Compliance with an RCRA permit during its term constitutes compliance for purpose of enforcement, with Subtitle C of RCRA except for those requirements not included in the permit which become effective by statute, or which are promulgated under Part 268 of this chapter restricting the placement of hazardous wastes in or on the land.

* * * * *

12. In § 270.10, paragraph (k) is added and an OMB number is added at the end of the section to read as follows:

§ 270.10 General application requirements.

* * * * *

(k) The Director may require a permittee or an applicant to submit information in order to establish permit conditions under §§ 270.32(b)(2) and 270.50(d) of this chapter.

(Approved by the Office of Management and Budget under control numbers 2060-0009, 2050-0002, and 2050-0007)

13. In § 270.14, the introductory text of paragraph (c) is revised, paragraph (d) is added and an OMB number is added at the end of the section to read as follows:

§ 270.14 Contents of Part B: General requirements.

* * * * *

(c) *Additional information requirements.* The following additional information regarding protection of groundwater is required from owners or operators of hazardous waste facilities containing a regulated unit except as provided in § 264.90(b) of this chapter:

* * * * *

(d) Information requirements for solid waste management units.

(1) The following information is required for each solid waste management unit at a facility seeking a permit:

(i) The location of the unit on the topographic map required under paragraph (b)(19) of this section.

(ii) Designation of type of unit.

(iii) General dimensions and structural description (supply any available drawings).

(iv) When the unit was operated.

(v) Specification of all wastes that have been managed at the unit, to the extent available.

(2) The owner or operator of any facility containing one or more solid waste management units must submit all available information pertaining to any release of hazardous wastes or hazardous constituents from such unit or units.

(3) The owner/operator must conduct and provide the results of sampling and analysis of groundwater, landsurface, and subsurface strata, surface water, or air, which may include the installation of wells, where the Director ascertains it is necessary to complete a RCRA Facility Assessment that will determine if a more complete investigation is necessary.

(Approved by the Office of Management and Budget under control numbers 2050-0009, 2050-0002, and 2050-0007)

14. In § 270.41, paragraph (a)(3) is revised to read as follows:

§ 270.41 Major modification or revocation and reissuance of permits.

* * * * *

(a) * * *

(3) *New statutory requirements or regulations.* The standards or regulations on which the permit was based have been changed by statute, through promulgation of new or amended standards or regulations, or by judicial decision after the permit was issued. Permits may be modified during their terms for this cause as follows:

(i) Director may modify the permit when the standards or regulations on which the permit was based have been changed by statute or amended standards or regulations.

(ii) Permittee may request modification when:

(A) The permit condition to be modified was based on a promulgated regulation under Parts 124 of this chapter, Parts 260—266 of this chapter, or Part 270 of this chapter; and

(B) EPA has revised, withdrawn, or modified that portion of the regulation on which the permit condition was based; or

(C) A permittee requests modification in accordance with § 124.5 of this chapter within 90 days after Federal Register notice of the action on which the request is based.

(iii) For judicial decisions, a court of competent jurisdiction has remanded and stayed EPA-promulgated regulations if the remand and stay concern that portion of the regulations on which the permit condition was based or if a request is filed by the permittee in accordance with § 124.5 of this chapter within 90 days of judicial remand.

* * * * *

15. In § 270.60, paragraph (b)(3) is revised and an OMB number is added at the end of the section to read as follows:

§ 270.60 Permits by rule.

* * * * *

(b) * * *

(3) For UIC permits issued after November 8, 1984:

(i) Complies with 40 CFR 264.101; and

(ii) Where the UIC well is the only unit at a facility which requires a RCRA permit, complies with 40 CFR 270.14(d).

* * * * *

(Approved by the Office of Management and Budget under control number 2050-0007)

PART 271—REQUIREMENTS FOR AUTHORIZATION OF STATE HAZARDOUS WASTE PROGRAMS

16. The authority citation for Part 271 is revised to read as follows:

Authority: 42 U.S.C. 6905, 6912(a), and 6926.

17. Section 271.1(j) is amended by adding the following entry to Table 1 in chronological order by date of publication:

§ 271.1 Purpose and scope

* * * * *

TABLE 1.—REGULATIONS IMPLEMENTING THE HAZARDOUS AND SOLID WASTE AMENDMENTS OF 1984

Promulgation date	Title of regulation	Federal Register	Effective date
[insert date of publication].	Codification Rule for the 1984 RCRA Amendments.	[insert FR reference].	[insert thirty days after publication.

* * * * *

[FR Doc. 87-27000 Filed 11-30-87; 8:45 am]

BILLING CODE 6560-50-M

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 265

[FRL-3355-3]

Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; Clarification

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of clarification.

SUMMARY: The Environmental Protection Agency is today clarifying the broad interpretation of the term "soil" in the preamble to regulations promulgated on March 19, 1987. These regulations provide conforming changes to the interim status requirements for closure of hazardous waste surface impoundments, to be equivalent to the requirements for permitted hazardous waste surface impoundments. The conforming regulation is found at 40 CFR 265.228, and was published at 52 FR 8704.

EFFECTIVE DATE: March 28, 1988.

FOR FURTHER INFORMATION CONTACT: RCRA Hotline at (800) 424-9346 (in Washington, DC, call 382-3000) or for technical information contact James T. Bachmaier, Office of Solid Waste (WH-565-E), U.S. Environmental Protection Agency, Washington, DC 20460, (202) 475-8859.

SUPPLEMENTARY INFORMATION: EPA published a final regulation on March 19, 1987, amending the interim status requirements in 40 CFR 265.228 for closure of hazardous waste surface impoundments (52 FR 8704, March 19, 1987). This amendment conformed the closure requirements for interim status surface impoundments to those requirements already in existence for permitted surface impoundments (40 CFR 264.228). The amendment specifies that all waste residues, contaminated containment system components, contaminated subsoils, and structures and equipment contaminated subsoils, and structures and equipment contaminated with waste and leachate, must be removed or decontaminated to achieve "clean closure" and avoid the need to perform post-closure care. The removal or decontamination of contaminated ground water to achieve clean closure of interim status surface impoundments was discussed in the preamble to the final rule. In that preamble, the Agency stated that the term "soil" includes both unsaturated and saturated soil, and therefore, that "uncontaminated ground water is * * * a requirement for 'clean closure' * * *". The Agency also stated that uncontaminated ground water had been a requirement for clean closure under previous regulations.

Subsequent to publication of this preamble, questions have been raised regarding the above statements that the Agency would now like to address. Such questions relate to the broad interpretation of the term "soil" to include ground water, and whether this interpretation has implications on use of "soil" elsewhere in the Part 264 or 265 regulations. The purpose of this notice is to clarify the Agency's position on the interpretations and policy statements made in the March 19, 1987, preamble, and to articulate the policy the Agency intends to follow in implementing closures of surface impoundments under 40 CFR 264.228(a)(1) and 265.228(a)(1). The Agency notes that these policies are also applicable to waste piles that close under 40 CFR 264.258(a) and 265.258(a).

First, the preamble discussion on cleanup of ground water at closure should have referred to EPA's use of the phrase "contaminated subsoils" in §§ 264.228(a)(1) and 265.228(a)(1) rather than to the phrase "underlying and surrounding soils," since the former term replaced the latter term as a result of the March 19, 1987 rulemaking. The term "contaminated subsoils," in the context of closure of surface impoundments and waste piles by removal or decontamination, is interpreted to refer to any materials that may have been contaminated by hazardous wastes managed in the unit. Such contamination is evidenced by the presence of hazardous constituents at the time of closure. EPA does not now intend to interpret the term "soil" or "subsoil" to include the ground water contained in saturated or unsaturated soil or subsoil at any other place in the regulations where these terms may appear. At this time, the Agency's interpretation is limited to closure requirements for hazardous waste management units.

Second, the Agency's policy is that post-closure care is unnecessary if no hazardous wastes or waste residues remain at the site of the unit after closure (see §§ 264.228(a)(1) and 265.228(a)(1)). The term "waste residues" refers to any hazardous constituents derived from hazardous wastes that are present in the environment at or above levels of human health or environmental concern. Such levels are discussed in the March 19, 1987 preamble. The Agency has used the term "waste residue" in its closure regulations to cover any hazardous constituents released from a unit to the subsoils, for example, through escape from a liner, spills, over-topping at a surface impoundment, run-off, volatilization, or wind-blown releases to the atmosphere from a surface impoundment or waste pile. The term "waste residue" also includes any decomposition products of hazardous waste that contain hazardous constituents that are present in the environment at or above levels of human health or environmental concern, as discussed in the March 19, 1987 preamble. To remove or decontaminate these residues, the unit owner or operator must remove or decontaminate all contaminated materials, including liners and leachate collection devices, unsaturated soils, saturated soils, ground water, surface water, surface water sediments, and any other material containing hazardous constituents released from a hazardous waste management unit prior to completion of closure. Post-closure care is necessary where any of these or other waste residues, including any waste residues located in the ground water, remain at the site of the unit at or above levels of human health or environmental concern following completion of closure activities.

Third, it is the Agency's policy that in order to achieve clean closure of a hazardous waste management unit, the owner or operator must remove only those hazardous wastes or waste residues that are in the unit or have migrated from it, as shown by the factual circumstances in each case.

List of Subjects in 40 CFR Part 265

Hazardous materials, Packaging and containers, Reporting and recordkeeping requirements, Security measures, Surety bonds, Waste treatment and disposal, Water supply.

J.W. McGraw,

Acting Assistant Administrator for Solid Waste and Emergency Response.

[FR Doc. 88-6672 Filed 3-25-88; 8:45 am]

BILLING CODE 6560-50-M

DEPARTMENT OF TRANSPORTATION

National Highway Traffic Safety Administration

49 CFR Part 571

Federal Motor Vehicle Safety Standards; Denial of Petition for Rulemaking on Lamps, Reflective Devices, and Associated Equipment

AGENCY: National Highway Traffic Safety Administration (NHTSA), DOT.

MAY 12 1989 OSWER Policy Directive # 9476.00-18

MEMORANDUM

SUBJECT: Guidance on Demonstrating Equivalence of Part 265 Clean Closure with Part 264 Requirements

FROM: Sylvia Lowrance, Director
Office of Solid Waste

TO: Regions I-X

I. PURPOSE

This memorandum provides guidance to Regional RCRA permits staff concerning the review of Part 264 equivalency demonstrations for interim status surface impoundments and waste piles that certified clean closure under the Part 265 standards prior to March 19, 1987. The Agency discussed the requirements for submitting equivalency demonstrations in the preamble to the December 1, 1987, Codification Rule (52 FR 45788). This memorandum expands upon that discussion by providing further guidance on the Agency's expectations for the review and approval of these demonstrations.

II. AUTHORITY

Section 3005(i) of the Hazardous and Solid Waste Amendments of 1984 (HSWA) requires all landfills, surface impoundments, waste piles, and land treatment units that received waste after July 26, 1982, to comply with the ground-water monitoring, unsaturated zone monitoring, and corrective action requirements applicable to new units. EPA implemented this provision in the December 1, 1987, Codification Rule. 40 CFR Section 270.1(c) requires that units which received waste after July 26, 1982, or which certified closure after January 26, 1983, obtain a post-closure permit unless they successfully demonstrate compliance with the Part 264 requirements for closure by removal.

III. CLEAN CLOSURE REQUIREMENTS UNDER PARTS 264 AND 265

Prior to March 19, 1987, the Part 265 regulations governing interim status clean closures differed significantly from the Part 264 requirements pertaining to permitted units. In March of 1987 (52 FR 8704), the Agency issued conforming changes to the Part 265 regulations to bring them into conformance with the Part 264 requirements.

A. Part 264 Clean Closure Requirements

The Part 264 provisions (§§ 264.228 and 264.258) require the owner/operator to "remove or decontaminate all waste residues, contaminated system components (liners, etc.), [and] contaminated

subsoils..." The Agency interprets the terms "remove" and "decontaminate" to mean "...removal of all wastes and liners, and the removal of all leachate and materials contaminated with the waste or leachate (including ground water) that pose a substantial present or potential threat to human health or the environment" (52 FR at 8706). To meet this standard, owner/operators must demonstrate that no Part 261 Appendix VIII constituents remain in the soils, vadose zone, or ground-water above Agency-recommended limits before certifying clean closure.

These Agency-approved limits or factors include water quality standards and criteria, health-based limits based on verified reference doses (RfDs) and Carcinogenic Potency Factors (CPFs), or site-specific Agency-approved health advisories (52 FR at 8706).

When assessing potential exposures to constituents released from the unit, the owner/operator must establish the points of compliance directly at or within the unit boundary for all routes of exposure (surface water contact, ground-water ingestion, inhalation, direct contact, and soil ingestion). In setting these points of compliance, consideration of contaminant attenuation between the unit and potential exposure points is not allowed.

Further discussion of these requirements is provided in the preamble to the March 19, 1987, conforming changes regulation (52 FR 8704), and in a subsequent Notice of Clarification issued on March 28, 1988 (53 FR 9944). Pending the up-coming issuance of the clean closure guidance mentioned in the March 19, 1987, preamble, these two sources provide the fullest interpretation of Agency policy concerning the requirements applicable to units undergoing clean closure.

B. Previous Part 265 Interim Status Clean Closure Requirements

The pre-1987 Part 265 interim status clean closure requirements differed from the Part 264 requirements in several significant ways. First, these standards allowed owner/operators to discontinue removal activities and certify closure if they were able to demonstrate that residuals associated with the unit were no longer hazardous. This provision allowed owner/operators of surface impoundments containing solely characteristic wastes to meet the clean closure standard by demonstrating that wastes no longer exhibit the characteristic that first brought the impoundment under regulatory control. In this situation, owner/operators could have clean closed without evaluating the presence of additional Appendix VIII constituents that could pose a threat to human health or the environment.

Secondly, the interim status ground-water monitoring requirements applicable to these units only required

owner/operators to monitor for indicator parameters and hazardous waste constituents for which a waste was listed. Owner/operators did not have to demonstrate that all Appendix VIII constituents that could pose a threat to human health or the environment had been removed in order to certify clean closure.

Finally, interim status facilities were not required to demonstrate that all releases of Appendix VIII constituents to soils, surface water, air, or ground water posing a threat to human health or the environment had been removed at closure.

IV. EQUIVALENCY DEMONSTRATION INFORMATION REQUIREMENTS

A. General Information Requirements for Equivalency Demonstrations

40 CFR Section 270.1(c) now affords owner/operators who closed under the Part 265 requirements the option of demonstrating that the units had actually been closed in accordance with the Part 264 requirements, by submitting an "equivalency demonstration". This equivalency demonstration is outside the Part B post-closure permit application and review process. The Agency expects owner/operators to submit sufficient information in their equivalency demonstrations to allow the Agency to determine whether the clean closures fully comply with the Part 264 requirements. The Agency does not intend, however, that owner/operators submit the same quantity of information required when submitting full Part B permit applications.

The demonstration submitted by the owner/operator must include, at a minimum, sufficient information for identifying the type and location of the unit, the unit boundaries, the waste that had been managed in the unit, and the extent of waste and soil removal or decontamination undertaken at closure. Relevant ground-water monitoring and soil sampling data should also be submitted to demonstrate that any Appendix VIII constituents originally in the unit and that remain at closure are below levels posing a threat to human health and the environment. These levels are those discussed in the March 28, 1987 preamble, i.e., water quality standards and criteria, health-based limits, carcinogenic potency factors, or ATSDR site-specific Agency-approved advisories (52 FR at 8706).

Owner/operators can submit information demonstrating that the closure certified under Part 265 complies with the Part 264 standards using existing data developed at the time of closure. If insufficient data are available to support this demonstration, owner/operators may collect new data to demonstrate that the Part 265 clean closure meets the Part 264 clean closure requirements that were in effect at the time of closure. If upon review, the Agency determines that the closure does not meet the Part 264 standards, the owner/operator will be required to submit a Part B

permit application containing all the applicable information required in Part 270, including ground-water monitoring information.

B. Acceptability of Specific Information Supporting Equivalency Demonstrations

Five potential issues concerning the acceptability of specific kinds of data used in an equivalency demonstration have been identified. These issues are discussed below.

1. Acceptability of Previously Collected Data

Many facility owner/operators will have generated considerable amounts of data during their original closure activities. To the extent that these data represent the conditions at closure and provide sufficient information to determine compliance with the Part 264 requirements, they may be used to support an equivalency demonstration. Regional staff should evaluate the information for the extent to which it fulfills the requirements of Part 264, and for its overall quality, reliability, and accuracy.

While previously collected data may be used, in many cases owner/operators will need to collect some additional information on hazardous constituents that may remain in the soils, vadose zone, or ground water to demonstrate equivalency.

2. Use of Existing Soil and Ground-Water Sampling Data as Proxies for Missing Data

The Agency believes that in limited cases owner/operators may use existing soil and ground-water sampling data as proxies for missing data. In the first case, soil sampling data can serve as a proxy for ground-water monitoring data when these are not available. In the second case, ground-water monitoring data can be used to demonstrate the acceptability of a soil or vadose zone cleanup. In such cases, the Agency may consider these data when reviewing equivalency demonstrations. For example, some owner/operators may wish to use previously collected soil sampling data as a surrogate for actual ground-water sampling data in order to demonstrate compliance with the Part 264 ground-water clean closure levels, or facility owner/operators may wish to demonstrate that soil contamination was remediated sufficiently by submitting ground-water monitoring data demonstrating no migration of contaminants from the soil. It is more likely that EPA will accept soil sampling data as a proxy for ground-water monitoring data than the converse. One such example of where soil sampling and vadose zone data might be used as a surrogate for ground-water sampling data is in a hydrogeologic setting where the water table is located at

significant depths from the surface or where ground-water monitoring is not feasible.

Demonstrations using soil sampling data will, however, generally require assumptions of contaminant fate and transport in the relevant subsurface media. As stated in the preamble to the March 19, 1987, conforming changes rule, the Agency does not believe it is appropriate to consider assumptions about subsurface attenuation when approving clean closures, given the uncertainty involved in such assumptions and the fact that all further regulatory control ends upon certification of the closure.

3. Requirement for Full Appendix VIII Sampling

The Part 264 clean closure standards require a demonstration that all Appendix VIII constituents originally in the unit have been removed or decontaminated. As with the 40 CFR Section 264.93 monitoring requirements, however, the Agency believes that it may be possible to exclude some hazardous constituents from consideration based on knowledge of past activities at the unit. Equivalency demonstrations that consider all the hazardous constituents that may reasonably be expected to be in or derived from the wastes managed in the unit may be acceptable in lieu of the full list of Appendix VIII constituents.

The Regions may decrease the list of constituents that must be evaluated to the extent that information submitted by the owner/operator is complete relative to the wastes disposed and demonstrates that these constituents could not reasonably be present in environmental media affected by the unit. In evaluating such demonstrations, Regions should also evaluate closely the potential that additional Appendix VIII constituents may be present in the soils or ground water beneath the unit.

4. Use of Data from Previously Existing Ground-Water Monitoring Systems

The Agency will consider equivalency demonstrations based on data from previously existing ground-water monitoring systems provided such ground-water monitoring systems were in compliance with the applicable requirements. At a minimum, such systems must have met the Part 265 Subpart F ground-water monitoring requirements. To the extent that these systems were located, screened, and operated properly to gather representative ground-water information, the Agency believes that they can be used to support an equivalency demonstration. In order to determine whether monitoring systems were in compliance with Part 265, Regions should examine available records and documents, such as old inspection reports, enforcement records, CME reports, or Ground-Water Task Force reports.

5. Practicability of Obtaining New Data

Some facilities will have certified clean closure several years ago, and subsequently may have constructed structures on top of clean closed units, making it difficult to obtain new data for the equivalency demonstration. For example, a building with a concrete floor or wastewater treatment unit constructed on top of a clean closed hazardous waste management unit could obstruct the collection of new sampling data. Collecting new soil or ground-water data at such a site might require either drilling through the concrete floor of the building or using angled drilling techniques.

The Agency recognizes the difficulties associated with data collection in these cases. In reviewing the quantity of such data submitted, the Regions may consider the technical difficulties involved in collecting such data. The standard of protection against which equivalency demonstrations will be evaluated will not, however, be different depending on the technical difficulties of data collection. Accordingly, the Agency will require owner/operators to submit representative existing data and/or to collect those data necessary to demonstrate compliance with the Part 264 requirements.

V. APPLICABILITY TO LANDFILLS

EPA interprets its regulations to allow landfills from which wastes have been removed at closure to accomplish "clean closure" and, if closed under 40 CFR Part 265 standards, to allow an equivalency demonstration to be made under 40 CFR Section 270.1(c)(5) and (6), through redefinition of the landfill as a waste pile, surface impoundment, or land treatment unit. It is most likely that the redefinition, or change in process, will be to a waste pile, pursuant to 40 CFR Section 270.72(c). Clean closures or demonstrations of equivalency with clean closure, are governed by the applicable Part 264 closure requirements (e.g., 40 CFR Section 264.258 for waste piles).

As an alternative to making an equivalency demonstration pursuant to 40 CFR Section 270.1(c)(5), the owner/operator of a landfill from which all waste has been removed and for which the owner/operator can provide evidence that the level of contamination is such that it no longer poses a threat to human health and the environment, may request that the Regional Administrator shorten the post-closure care period [40 CFR Section 264.117(a)(2)(i)]. The term of the post-closure permit should then be modified to a minimal period in accordance with 40 CFR Section 270.42.

VI. CONTENTS OF THE EQUIVALENCY DEMONSTRATION AND PROCEDURES FOR SUBMITTAL

No specific format for an equivalency demonstration is required. For ease of review, the Agency suggests that equivalency demonstrations include three basic sections: 1) a Unit Description, 2) a Description of Closure Activities Conducted, and 3) a Demonstration of Compliance with Clean Closure Levels.

The first section, Unit Description, should provide information on the size and location of the unit, the wastes managed by the unit (EPA hazardous waste numbers and quantities), any liner system and leachate collection system, containment system, and run-on and run-off control systems. In addition, owner/operators should present a description of the hydrogeology of the immediate area, including descriptions of ground-water and soil conditions, ground-water monitoring systems, detection programs, and any corrective action activities undertaken. For land treatment units, information concerning application rates should also be included.

The second section, the Description of Closure Activities Conducted, must identify, in detail, all removal and decontamination activities completed at the unit during closure. This description should include information on the quantity of waste removed (by waste type), the quantity of leachates and contaminated containment liquids removed, the quantity of bottom sludges/residues removed, the quantity of contaminated soil removed, the methods used for removal of inventory (i.e., waste, sludge, residue, liquid, and soil), and the procedures used for decontaminating and/or disposing of inventory. Specifically, the description of the decontamination and disposal activities should identify the method of decontamination of equipment/structures, the treatment or disposal of cleaning agents/rinsewater, and the demolition and removal of containment systems (e.g., liners, dikes) and other equipment/structures.

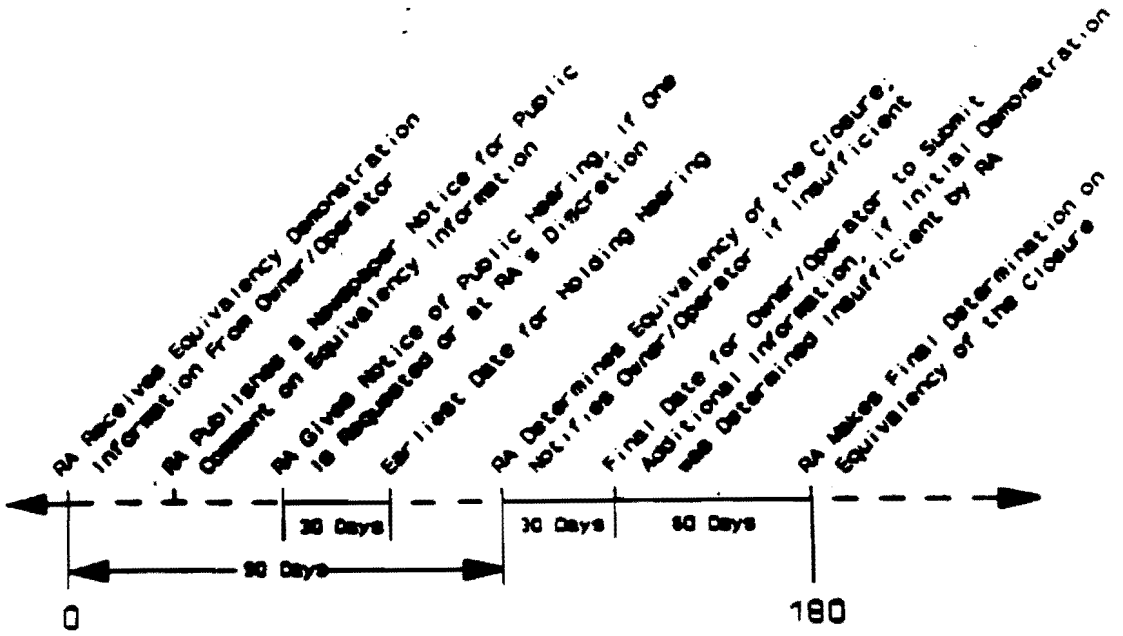
The previously approved closure plan should provide the majority of the descriptive material required for sections 1 and 2 of the demonstration. The owner/operator should not assume that the closure plan has been retained by the Agency; relevant portions of the plan should be resubmitted. A copy of the closure certification should also be provided.

The third section, Demonstration of Compliance with Clean Closure Levels, should present sampling data supporting the owner/operator's equivalency demonstration. This section should specify where samples were taken in each relevant medium, when the samples were taken, what parameters were examined, and the analytical results. The information should specify the sampling protocols and analytical methods used during the sampling

activities, along with available quality assurance/quality control information. The raw sampling data should be presented in an appendix to the report, while the results should be summarized in a clear manner in the body of the report. In cases where surrogates or proxies are proposed for use, the owner/operator should fully explain the reason for the use of such proxies and any analytic assumptions which were made. Where data from all Appendix VIII constituents are not submitted, section 2 of the submission should support the assertion that such constituents were not and are not present in the unit.

Finally, the demonstration should include a narrative discussion summarizing both the results of previously collected data and new data collected for this demonstration. In the conclusion, the section should compare the results of sampling data to the applicable clean closure levels for the relevant parameters.

The December 1, 1987, Codification Rule presented procedures and timeframes for the submittal, review, and approval of equivalency demonstrations. The timeline presented below summarizes the critical dates and activities that must be followed by owner/operators and the Agency upon receipt of an equivalency demonstration.



LA-UR-03-8046
October 2003
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Material Disposal Area P Site Closure Certification Report

Volume 2 of 2

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Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20105	0816-01-0027	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Aluminum	14400	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Antimony	1.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Arsenic	3.8	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Barium	52.6	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Cadmium	0.13	-	mg/kg	J
16-20105	0816-01-0027	0-1	QBT 4	Calcium	2050	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chromium	7.9	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Cobalt	4.4	-	mg/kg	J
16-20105	0816-01-0027	0-1	QBT 4	Copper	22.8	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	HMX	0.33	-	mg/kg	UJ
16-20105	0816-01-0027	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Iron	15300	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Lead	24.2	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Magnesium	2020	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Manganese	123	-	mg/kg	J-
16-20105	0816-01-0027	0-1	QBT 4	Mercury	0.046	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nickel	10.3	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20105	0816-01-0027	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Potassium	1510	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Pyrene	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Silver	0.34	-	mg/kg	J
16-20105	0816-01-0027	0-1	QBT 4	Sodium	377	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Thallium	1.2	-	mg/kg	J
16-20105	0816-01-0027	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Vanadium	11.3	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Zinc	35.2	-	mg/kg	J-
16-20287	0816-01-0028	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Aluminum	6020	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Aniline	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Anthracene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Antimony	1	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20287	0816-01-0028	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Barium	13.7	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Beryllium	0.59	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Cadmium	0.083	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Calcium	1280	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chromium	4.8	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chrysene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Cobalt	0.63	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Copper	3.3	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20287	0816-01-0028	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	HMX	0.33	-	mg/kg	UJ
16-20287	0816-01-0028	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Iron	9780	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Lead	3.5	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Magnesium	950	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Manganese	48	-	mg/kg	J-
16-20287	0816-01-0028	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nickel	2.9	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20287	0816-01-0028	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Potassium	549	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Pyrene	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Selenium	0.46	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Silver	0.041	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Sodium	183	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Thallium	0.018	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Vanadium	4.3	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Zinc	25.8	-	mg/kg	J-
16-20274	0816-01-0029	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Aluminum	7310	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Antimony	0.96	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Barium	85.7	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U

Table 0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20274	0816-01-0029	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Beryllium	0.65	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Cadmium	0.077	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Calcium	1230	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chromium	5.1	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Copper	16.2	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20274	0816-01-0029	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	HMX	0.31	-	mg/kg	UJ
16-20274	0816-01-0029	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Iron	10600	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Lead	19.4	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Magnesium	1100	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Manganese	191	-	mg/kg	J-
16-20274	0816-01-0029	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nickel	7.2	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Potassium	863	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20274	0816-01-0029	0-1	QBT 4	Pyrene	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	RDX	0.1	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Selenium	0.44	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Silver	0.092	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Sodium	352	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Thallium	0.7	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Vanadium	0.78	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Zinc	32.1	-	mg/kg	J-
16-20389	0816-01-0030	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Aluminum	3670	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Aniline	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Anthracene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Antimony	1.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Arsenic	0.21	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Barium	25.2	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Beryllium	0.7	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20389	0816-01-0030	0-1	QBT 4	Cadmium	0.084	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Calcium	978	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chromium	4.9	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Chromium hexavalent ion	0.54	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chrysene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Copper	3.1	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	HMX	0.33	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20389	0816-01-0030	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Iron	8610	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Lead	2.5	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Magnesium	802	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Manganese	219	-	mg/kg	J-
16-20389	0816-01-0030	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Potassium	556	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Pyrene	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	RDX	0.31	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Silver	0.042	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Sodium	294	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Thallium	0.015	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20389	0816-01-0030	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Vanadium	4.6	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Zinc	29.6	-	mg/kg	J-
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Aluminum	2890	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Barium	30.9	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Beryllium	0.48	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Calcium	944	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chromium	4.1	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	HMX	0.32	-	mg/kg	UJ
16-20273	0816-01-0031	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Iron	8720	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Lead	10	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Magnesium	664	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Manganese	266	-	mg/kg	J-
16-20273	0816-01-0031	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nickel	2.6	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Perchlorate	0.00925	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Potassium	551	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Sodium	331	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Thallium	0.15	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Vanadium	3	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Zinc	33.4	-	mg/kg	J-
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Aluminum	6130	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Antimony	0.99	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Barium	21.5	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Calcium	1130	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chromium	5.1	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Cobalt	1	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Copper	4	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	HMX	0.31	-	mg/kg	UJ
16-20273	0816-01-0032	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Iron	10200	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Lead	13.2	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Magnesium	1150	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Manganese	207	-	mg/kg	J-
16-20273	0816-01-0032	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Perchlorate	0.00913	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Potassium	843	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Selenium	0.74	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Sodium	282	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Vanadium	5	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Zinc	37.2	-	mg/kg	J-
16-20306	0816-01-0033	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Aluminum	6080	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.62	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.82	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Antimony	0.86	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20306	0816-01-0033	0-1	QBT 4	Arsenic	0.86	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Barium	1310	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Cadmium	0.18	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Calcium	1610	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chromium	5.9	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Copper	19.4	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20306	0816-01-0033	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	HMX	10	-	mg/kg	J-
16-20306	0816-01-0033	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Iron	9200	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Lead	22.2	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Magnesium	921	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Manganese	201	-	mg/kg	J-
16-20306	0816-01-0033	0-1	QBT 4	Mercury	0.027	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nickel	5.1	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20306	0816-01-0033	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Potassium	978	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Pyrene	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	RDX	22	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Selenium	0.34	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Silver	0.72	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Sodium	468	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trinitrotoluene[2,4,6-]	1.2	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Vanadium	6.4	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Zinc	59.5	-	mg/kg	J-
16-20307	0816-01-0034	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Aluminum	3290	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Antimony	0.87	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Arsenic	0.12	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Barium	428	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20307	0816-01-0034	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Beryllium	0.52	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Cadmium	0.069	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Calcium	890	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chromium	5.2	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Copper	25.5	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20307	0816-01-0034	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	HMX	0.28	-	mg/kg	UJ
16-20307	0816-01-0034	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Iron	8730	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Lead	5.2	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Magnesium	610	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Manganese	213	-	mg/kg	J-
16-20307	0816-01-0034	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nickel	7.3	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Potassium	831	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20307	0816-01-0034	0-1	QBT 4	Pyrene	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	RDX	0.15	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Selenium	0.74	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Silver	0.049	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Sodium	794	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Vanadium	2.7	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Zinc	50.8	-	mg/kg	J-
16-20305	0816-01-0035	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Aluminum	6920	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Antimony	0.94	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Arsenic	0.93	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Barium	606	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Beryllium	0.51	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20305	0816-01-0035	0-1	QBT 4	Cadmium	0.075	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Calcium	1430	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chromium	5.5	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Copper	10.4	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	HMX	0.35	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20305	0816-01-0035	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Iron	9320	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Lead	8.6	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Magnesium	988	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Manganese	136	-	mg/kg	J-
16-20305	0816-01-0035	0-1	QBT 4	Mercury	0.027	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nickel	4.4	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Potassium	741	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Pyrene	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	RDX	1.3	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Selenium	0.54	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Silver	0.073	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Sodium	344	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20305	0816-01-0035	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Vanadium	7	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Zinc	34.3	-	mg/kg	J-
16-20304	0816-01-0036	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Aluminum	8850	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.16	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.12	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Antimony	0.92	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Arsenic	1.1	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Barium	696	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Beryllium	0.69	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Cadmium	0.073	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Calcium	2650	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chromium	7.9	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20304	0816-01-0036	0-1	Fill	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Cobalt	4.2	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Copper	36.8	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	HMX	1.6	-	mg/kg	J-
16-20304	0816-01-0036	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Iron	10100	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Lead	18.5	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Magnesium	1390	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Manganese	243	-	mg/kg	J-
16-20304	0816-01-0036	0-1	Fill	Mercury	0.025	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20304	0816-01-0036	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nickel	9.4	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Potassium	928	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Pyrene	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	RDX	1.9	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Selenium	0.23	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Silver	0.2	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Sodium	327	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Thallium	0.013	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trinitrotoluene[2,4,6-]	0.086	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Vanadium	12.8	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Zinc	46.8	-	mg/kg	J-
16-20237	0816-01-0037	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20237	0816-01-0037	0-1	QBT 4	Aluminum	3610	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Antimony	0.88	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Arsenic	0.88	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Barium	15.9	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Cadmium	0.07	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Calcium	993	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chromium	5.8	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Copper	32.4	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	HMX	0.28	-	mg/kg	UJ
16-20237	0816-01-0037	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Iron	8370	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Lead	23.5	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Magnesium	956	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Manganese	137	-	mg/kg	J-
16-20237	0816-01-0037	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nickel	8.9	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20237	0816-01-0037	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Potassium	844	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Pyrene	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	RDX	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Silver	0.035	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Sodium	847	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Thallium	0.26	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Vanadium	4.2	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Zinc	150	-	mg/kg	J-
16-20323	0816-01-0039	2-3	QBT 4	Acenaphthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Acenaphthylene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Aluminum	10200	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Aniline	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Anthracene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Antimony	0.89	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Azobenzene	0.37	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0039	2-3	QBT 4	Barium	158	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzoic Acid	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Beryllium	1.2	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Cadmium	0.071	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Calcium	1880	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chromium	4.5	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Chrysene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20323	0816-01-0039	2-3	QBT 4	Copper	5.4	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dibenzofuran	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Diethylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0039	2-3	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Fluoranthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Fluorene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Hexachloroethane	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	HMX	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Iron	10600	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Isophorone	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Lead	8.7	-	mg/kg	J+
16-20323	0816-01-0039	2-3	QBT 4	Magnesium	1380	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Manganese	113	-	mg/kg	J-
16-20323	0816-01-0039	2-3	QBT 4	Mercury	0.019	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Naphthalene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nickel	4.5	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrobenzene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0039	2-3	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Perchlorate	0.00815	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Phenanthrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Phenol	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Potassium	1140	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Pyrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	RDX	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Selenium	0.32	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Silver	0.51	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Sodium	140	-	mg/kg	J
16-20323	0816-01-0039	2-3	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Thallium	0.48	-	mg/kg	J
16-20323	0816-01-0039	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Zinc	30.4	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Aluminum	4620	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Aniline	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Anthracene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Antimony	0.8	-	mg/kg	UJ
16-20323	0816-01-0040	0-0.5	QBT 4	Arsenic	0.91	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Azobenzene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Barium	201	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzoic Acid	1.6	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0040	0-0.5	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Beryllium	0.39	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Cadmium	0.072	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Calcium	1110	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chromium	3.3	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Copper	2.8	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0040	0-0.5	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachloroethane	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	HMX	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Iron	6400	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Lead	10	-	mg/kg	J-
16-20323	0816-01-0040	0-0.5	QBT 4	Magnesium	749	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Manganese	204	-	mg/kg	J+
16-20323	0816-01-0040	0-0.5	QBT 4	Mercury	0.017	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nickel	3	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Perchlorate	0.0735	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Phenol	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Potassium	754	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0040	0-0.5	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	RDX	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Selenium	0.2	-	mg/kg	UJ
16-20323	0816-01-0040	0-0.5	QBT 4	Silver	0.46	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Sodium	41	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Thallium	0.9	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Vanadium	6.8	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Zinc	19	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Acenaphthylene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Aluminum	6100	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Aniline	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Anthracene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Antimony	0.85	-	mg/kg	UJ
16-20398	0816-01-0041	0-0.5	ALLH	Arsenic	3.2	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Barium	189	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Beryllium	0.82	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20398	0816-01-0041	0-0.5	ALLH	Cadmium	0.074	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Calcium	1870	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chromium	6.4	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chrysene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Cobalt	12.8	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Copper	3.9	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Diethylphthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Fluorene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachloroethane	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	HMX	0.27	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20398	0816-01-0041	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Iron	9460	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Isophorone	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Lead	27.5	-	mg/kg	J+
16-20398	0816-01-0041	0-0.5	ALLH	Magnesium	1440	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Manganese	1290	-	mg/kg	J-
16-20398	0816-01-0041	0-0.5	ALLH	Mercury	0.023	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nickel	4.8	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Phenol	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Potassium	1640	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Pyrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	RDX	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Selenium	0.35	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Silver	0.49	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Sodium	95.2	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Tetryl	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Thallium	0.38	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20398	0816-01-0041	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Vanadium	26.2	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Zinc	17.2	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Aluminum	4200	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20428	0816-01-0042	0-0.5	ALLH	Arsenic	0.56	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Barium	161	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzoic Acid	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Beryllium	0.4	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Cadmium	0.064	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Calcium	1300	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chromium	3.7	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0042	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Cobalt	3.3	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Copper	3.7	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Iron	4870	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Lead	9.3	-	mg/kg	J+
16-20428	0816-01-0042	0-0.5	ALLH	Magnesium	707	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Manganese	179	-	mg/kg	J-
16-20428	0816-01-0042	0-0.5	ALLH	Mercury	0.017	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0042	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nickel	2.5	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Pentachlorophenol	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Potassium	802	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20428	0816-01-0042	0-0.5	ALLH	Silver	0.46	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Sodium	89.7	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Thallium	0.15	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Vanadium	8.4	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Zinc	12.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0043	0-0.5	ALLH	Aluminum	4230	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20428	0816-01-0043	0-0.5	ALLH	Arsenic	0.66	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Barium	159	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzoic Acid	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Beryllium	0.34	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Cadmium	0.064	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Calcium	1170	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chromium	4.1	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Cobalt	3.4	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Copper	3.2	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Iron	4840	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Lead	8.9	-	mg/kg	J+
16-20428	0816-01-0043	0-0.5	ALLH	Magnesium	722	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Manganese	154	-	mg/kg	J-
16-20428	0816-01-0043	0-0.5	ALLH	Mercury	0.02	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nickel	1.3	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0043	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Pentachlorophenol	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Potassium	879	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20428	0816-01-0043	0-0.5	ALLH	Silver	0.46	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Sodium	90.4	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Thallium	0.13	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Vanadium	8.2	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Zinc	11.6	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Aluminum	4970	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Antimony	0.82	-	mg/kg	UJ
16-20782	0816-01-0044	0-0.5	ALLH	Arsenic	0.52	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0044	0-0.5	ALLH	Barium	200	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Beryllium	0.43	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Cadmium	0.072	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Calcium	2570	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chromium	3.1	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Cobalt	2.6	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Copper	3.5	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Iron	7240	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Lead	9	-	mg/kg	J+
16-20782	0816-01-0044	0-0.5	ALLH	Magnesium	971	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Manganese	405	-	mg/kg	J-
16-20782	0816-01-0044	0-0.5	ALLH	Mercury	0.019	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nickel	1.5	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0044	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Perchlorate	0.0748	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Potassium	1060	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Selenium	0.29	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Silver	0.47	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Sodium	130	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Thallium	0.093	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Vanadium	8.5	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Zinc	27.8	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Aluminum	2810	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Aniline	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Anthracene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Antimony	0.83	-	mg/kg	UJ
16-20782	0816-01-0045	2-3	ALLH	Arsenic	0.2	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Barium	18.7	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzoic Acid	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0045	2-3	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Beryllium	0.29	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Cadmium	0.066	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Calcium	915	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chromium	2.7	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chrysene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Cobalt	1.3	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Copper	0.68	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0045	2-3	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Fluorene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	HMX	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Iron	5690	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Isophorone	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Lead	3.8	-	mg/kg	J+
16-20782	0816-01-0045	2-3	ALLH	Magnesium	504	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Manganese	95.3	-	mg/kg	J-
16-20782	0816-01-0045	2-3	ALLH	Mercury	0.018	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nickel	1.4	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Perchlorate	0.0756	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Phenol	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Potassium	570	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0045	2-3	ALLH	Pyrene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	RDX	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20782	0816-01-0045	2-3	ALLH	Silver	0.47	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Sodium	100	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Tetryl	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Thallium	0.052	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Vanadium	5.5	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Zinc	19.7	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Aluminum	8770	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Antimony	0.88	-	mg/kg	UJ
16-20191	0816-01-0046	0-1	Fill	Arsenic	1.4	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Barium	394	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Beryllium	0.81	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20191	0816-01-0046	0-1	Fill	Cadmium	0.07	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Calcium	3440	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chromium	5.6	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Cobalt	2.4	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Copper	8.4	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	HMX	0.28	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20191	0816-01-0046	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Iron	10300	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Lead	12.7	-	mg/kg	J+
16-20191	0816-01-0046	0-1	Fill	Magnesium	1460	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Manganese	170	-	mg/kg	J-
16-20191	0816-01-0046	0-1	Fill	Mercury	0.044	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nickel	1.8	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Potassium	1290	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	RDX	0.12	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Selenium	0.22	-	mg/kg	UJ
16-20191	0816-01-0046	0-1	Fill	Silver	0.5	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Sodium	287	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Thallium	0.39	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20191	0816-01-0046	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Vanadium	11.2	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Zinc	36.5	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Acenaphthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Acenaphthylene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Aluminum	5420	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Aniline	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Anthracene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Antimony	0.85	-	mg/kg	UJ
16-20174	0816-01-0047	0-1	Fill	Arsenic	1.4	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Azobenzene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Barium	473	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzyl Alcohol	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Beryllium	0.57	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Cadmium	0.079	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Calcium	2170	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chromium	3.2	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20174	0816-01-0047	0-1	Fill	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chrysene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Cobalt	2.1	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Copper	4.6	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dibenzofuran	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Diethylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Fluoranthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Fluorene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachlorobenzene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachloroethane	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	HMX	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Iron	8310	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Isophorone	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Lead	11.3	-	mg/kg	J+
16-20174	0816-01-0047	0-1	Fill	Magnesium	1050	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Manganese	178	-	mg/kg	J-
16-20174	0816-01-0047	0-1	Fill	Mercury	0.02	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Methylnaphthalene[2-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20174	0816-01-0047	0-1	Fill	Methylphenol[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Methylphenol[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Naphthalene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nickel	1.9	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrobenzene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Phenanthrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Phenol	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Potassium	1170	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Pyrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	RDX	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Selenium	0.21	-	mg/kg	UJ
16-20174	0816-01-0047	0-1	Fill	Silver	0.49	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Sodium	215	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Thallium	0.11	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Vanadium	6.9	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Zinc	29.4	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20695	0816-01-0048	0-1	QBT 3	Aluminum	7870	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.078	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.057	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20695	0816-01-0048	0-1	QBT 3	Arsenic	0.81	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Barium	192	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Cadmium	0.073	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Calcium	2240	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chromium	5.1	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Cobalt	4.2	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Copper	5.2	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	HMX	0.68	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Iron	9110	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Lead	10.4	-	mg/kg	J+
16-20695	0816-01-0048	0-1	QBT 3	Magnesium	1420	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Manganese	331	-	mg/kg	J-
16-20695	0816-01-0048	0-1	QBT 3	Mercury	0.02	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nickel	4.3	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U

Table 0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20695	0816-01-0048	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Potassium	1480	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	RDX	1.1	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Selenium	0.36	-	mg/kg	J-
16-20695	0816-01-0048	0-1	QBT 3	Silver	0.53	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Sodium	128	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Thallium	0.22	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Vanadium	12.1	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Zinc	26.7	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Aluminum	5340	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20700	0816-01-0049	0-1	QBT 3	Arsenic	0.61	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20700	0816-01-0049	0-1	QBT 3	Barium	59.1	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Beryllium	0.55	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Calcium	1570	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chromium	8.9	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Cobalt	3.6	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Copper	3	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20700	0816-01-0049	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Iron	8080	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Lead	6.3	-	mg/kg	J+
16-20700	0816-01-0049	0-1	QBT 3	Magnesium	1120	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Manganese	242	-	mg/kg	J-
16-20700	0816-01-0049	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nickel	3.3	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20700	0816-01-0049	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Potassium	1030	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	RDX	0.11	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20700	0816-01-0049	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Sodium	146	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Thallium	0.083	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Vanadium	10.7	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Zinc	23.2	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Aluminum	5980	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Antimony	0.88	-	mg/kg	UJ
16-20351	0816-01-0050	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Barium	1540	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20351	0816-01-0050	0-1	Fill	Beryllium	0.87	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Cadmium	0.13	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Calcium	2600	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chromium	4.9	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Cobalt	4.4	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Copper	11.6	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20351	0816-01-0050	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	HMX	5.7	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Iron	8960	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Lead	13.9	-	mg/kg	J+
16-20351	0816-01-0050	0-1	Fill	Magnesium	1160	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Manganese	206	-	mg/kg	J-
16-20351	0816-01-0050	0-1	Fill	Mercury	0.04	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nickel	4.3	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Potassium	958	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	RDX	1.6	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20351	0816-01-0050	0-1	Fill	Selenium	0.48	-	mg/kg	J-
16-20351	0816-01-0050	0-1	Fill	Silver	1.5	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Sodium	179	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Thallium	0.1	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Vanadium	10.1	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Zinc	78.7	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Aluminum	6320	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Aniline	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20697	0816-01-0051	0-1	QBT 3	Arsenic	0.82	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Barium	441	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Beryllium	0.74	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Cadmium	0.073	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Calcium	2340	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20697	0816-01-0051	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chromium	5.6	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Cobalt	3.7	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Copper	8.5	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	HMX	0.66	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Iron	8680	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20697	0816-01-0051	0-1	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Lead	12.8	-	mg/kg	J+
16-20697	0816-01-0051	0-1	QBT 3	Magnesium	1190	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Manganese	322	-	mg/kg	J-
16-20697	0816-01-0051	0-1	QBT 3	Mercury	0.02	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nickel	2.8	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Phenol	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Potassium	1400	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	RDX	0.36	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20697	0816-01-0051	0-1	QBT 3	Silver	0.53	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Sodium	156	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Thallium	0.14	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20697	0816-01-0051	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Vanadium	11.6	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Zinc	30.3	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Aluminum	6870	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Aniline	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Anthracene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Antimony	0.83	-	mg/kg	UJ
16-20569	0816-01-0052	0-0.5	ALLH	Arsenic	1.6	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Barium	124	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Beryllium	0.76	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Cadmium	0.066	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Calcium	1570	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chromium	3.5	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chrysene	0.35	-	mg/kg	U

Table 0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20569	0816-01-0052	0-0.5	ALLH	Cobalt	2.2	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Copper	4.6	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Fluorene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Iron	7780	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Isophorone	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Lead	10.7	-	mg/kg	J+
16-20569	0816-01-0052	0-0.5	ALLH	Magnesium	959	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Manganese	132	-	mg/kg	J-
16-20569	0816-01-0052	0-0.5	ALLH	Mercury	0.019	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20569	0816-01-0052	0-0.5	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nickel	1.8	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Phenol	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Potassium	968	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Pyrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20569	0816-01-0052	0-0.5	ALLH	Silver	0.48	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Sodium	255	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Thallium	0.11	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Vanadium	9	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Zinc	21.3	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Aluminum	5430	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0053	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20500	0816-01-0053	0-0.5	ALLH	Arsenic	0.21	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Barium	99	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Beryllium	0.27	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Cadmium	0.065	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Calcium	1160	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chromium	3.6	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Cobalt	1.7	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Copper	2.5	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Iron	4580	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Lead	5.5	-	mg/kg	J+
16-20500	0816-01-0053	0-0.5	ALLH	Magnesium	624	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Manganese	82.9	-	mg/kg	J-
16-20500	0816-01-0053	0-0.5	ALLH	Mercury	0.017	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nickel	2.3	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0053	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Potassium	470	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20500	0816-01-0053	0-0.5	ALLH	Silver	0.47	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Sodium	106	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Thallium	0.054	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Vanadium	7.9	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Zinc	9.4	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Aluminum	6040	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Aniline	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20500	0816-01-0054	2-3	ALLH	Arsenic	0.13	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Barium	50	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0054	2-3	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Beryllium	0.32	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Cadmium	0.065	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Calcium	728	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chromium	3.6	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chrysene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Cobalt	1.2	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Copper	2.6	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Fluorene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	HMX	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Iron	4990	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Isophorone	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Lead	4.5	-	mg/kg	J+
16-20500	0816-01-0054	2-3	ALLH	Magnesium	431	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Manganese	66.7	-	mg/kg	J-
16-20500	0816-01-0054	2-3	ALLH	Mercury	0.017	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nickel	1.3	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0054	2-3	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Phenol	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Potassium	475	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	RDX	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20500	0816-01-0054	2-3	ALLH	Silver	0.47	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Sodium	104	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Tetryl	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Thallium	0.051	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Vanadium	7.5	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Zinc	10.4	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Aluminum	5660	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Aniline	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Anthracene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Antimony	0.82	-	mg/kg	UJ
16-20281	0816-01-0055	0-1	ALLH	Arsenic	0.85	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Barium	243	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Beryllium	0.66	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20281	0816-01-0055	0-1	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Cadmium	0.066	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Calcium	1670	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chromium	4.7	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chrysene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Cobalt	2.2	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Copper	3.9	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Fluorene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20281	0816-01-0055	0-1	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	HMX	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Iron	9300	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Isophorone	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Lead	6.3	-	mg/kg	J+
16-20281	0816-01-0055	0-1	ALLH	Magnesium	1180	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Manganese	237	-	mg/kg	J-
16-20281	0816-01-0055	0-1	ALLH	Mercury	0.018	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nickel	2.2	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Phenol	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Potassium	1040	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Pyrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	RDX	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20281	0816-01-0055	0-1	ALLH	Silver	0.47	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20281	0816-01-0055	0-1	ALLH	Sodium	202	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Tetryl	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Thallium	0.087	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Vanadium	9.1	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Zinc	29.9	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Aluminum	6380	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20649	0816-01-0056	0-0.5	ALLH	Arsenic	1.4	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Barium	102	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Beryllium	0.89	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Cadmium	0.065	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Calcium	1750	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20649	0816-01-0056	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chromium	5.5	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Cobalt	2.7	-	mg/kg	J
16-20649	0816-01-0056	0-0.5	ALLH	Copper	4	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Iron	9820	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Lead	8.6	-	mg/kg	J+

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20649	0816-01-0056	0-0.5	ALLH	Magnesium	1360	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Manganese	263	-	mg/kg	J-
16-20649	0816-01-0056	0-0.5	ALLH	Mercury	0.017	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nickel	3.1	-	mg/kg	J
16-20649	0816-01-0056	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Potassium	1120	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Selenium	0.33	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Silver	0.47	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Sodium	195	-	mg/kg	J
16-20649	0816-01-0056	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Thallium	0.11	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20649	0816-01-0056	0-0.5	ALLH	Vanadium	11.6	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Zinc	26.5	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Aluminum	6490	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20699	0816-01-0057	0-1	QBT 3	Arsenic	0.85	-	mg/kg	J
16-20699	0816-01-0057	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Barium	124	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Beryllium	0.63	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Cadmium	0.071	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Calcium	1480	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chromium	5.7	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Cobalt	3.8	-	mg/kg	J
16-20699	0816-01-0057	0-1	QBT 3	Copper	3.7	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20699	0816-01-0057	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Iron	9180	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Lead	9	-	mg/kg	J+
16-20699	0816-01-0057	0-1	QBT 3	Magnesium	1150	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Manganese	376	-	mg/kg	J-
16-20699	0816-01-0057	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nickel	2.2	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20699	0816-01-0057	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Potassium	1130	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20699	0816-01-0057	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Sodium	124	-	mg/kg	J
16-20699	0816-01-0057	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Thallium	0.11	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Vanadium	13.3	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Zinc	27	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Acenaphthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Acenaphthylene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Aluminum	6360	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.23	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.21	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Aniline	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694	0816-01-0058	0-1	ALLH	Anthracene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Antimony	0.9	-	mg/kg	UJ
16-20694	0816-01-0058	0-1	ALLH	Arsenic	1.1	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Azobenzene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Barium	473	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzyl Alcohol	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Beryllium	0.67	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Cadmium	0.072	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Calcium	2070	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chromium	5.1	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chrysene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Cobalt	3.8	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Copper	8.4	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dibenzofuran	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Diethylphthalate	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694	0816-01-0058	0-1	ALLH	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Fluoranthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Fluorene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachlorobenzene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachloroethane	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	HMX	0.65	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Iron	9040	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Isophorone	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Lead	11.5	-	mg/kg	J+
16-20694	0816-01-0058	0-1	ALLH	Magnesium	1140	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Manganese	342	-	mg/kg	J-
16-20694	0816-01-0058	0-1	ALLH	Mercury	0.024	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Methylphenol[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Methylphenol[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Naphthalene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nickel	2.7	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrobenzene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694	0816-01-0058	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Phenanthrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Phenol	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Potassium	1010	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Pyrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	RDX	0.49	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20694	0816-01-0058	0-1	ALLH	Silver	0.52	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Sodium	132	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Tetryl	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Thallium	0.11	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Vanadium	12.9	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Zinc	31	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Aluminum	2410	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Aniline	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Anthracene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Antimony	1.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Arsenic	0.34	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Barium	19.6	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20193	0816-01-0059	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Cadmium	0.1	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Calcium	1030	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Chromium	2.3	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Chromium hexavalent ion	0.54	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Chrysene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Copper	2	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Fluorene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	HMX	0.29	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Iron	7970	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Isophorone	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Lead	4.4	-	mg/kg	J+
16-20193	0816-01-0059	0-1	QBT 4	Magnesium	388	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Manganese	193	-	mg/kg	J-
16-20193	0816-01-0059	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nickel	4.1	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20193	0816-01-0059	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Potassium	641	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Pyrene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	RDX	0.97	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Silver	0.6	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Sodium	237	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Tetryl	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Thallium	0.44	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Vanadium	0.46	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Zinc	29	-	mg/kg	J+
16-20744	0816-01-0060	0-0.5	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Aluminum	5610	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Aniline	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Anthracene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Antimony	0.83	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Arsenic	0.2	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Barium	141	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Beryllium	0.5	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20744	0816-01-0060	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Cadmium	0.12	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Calcium	4010	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chromium	4	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chrysene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Cobalt	3.2	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Copper	5.1	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Fluorene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20744	0816-01-0060	0-0.5	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	HMX	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Iron	8340	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Isophorone	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Lead	8.7	-	mg/kg	J+
16-20744	0816-01-0060	0-0.5	ALLH	Magnesium	1020	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Manganese	520	-	mg/kg	J-
16-20744	0816-01-0060	0-0.5	ALLH	Mercury	0.018	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nickel	5.4	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Phenol	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Potassium	1070	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Pyrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	RDX	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Selenium	0.21	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Silver	0.48	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Sodium	26.2	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20744	0816-01-0060	0-0.5	ALLH	Thallium	0.13	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Vanadium	6.9	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Zinc	38.4	-	mg/kg	J+
16-20269	0816-01-0061	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Aluminum	3260	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Barium	123	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Beryllium	0.56	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Cadmium	0.082	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Calcium	1020	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0061	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chromium	2.6	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Cobalt	1.8	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	HMX	0.51	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Iron	8220	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Lead	4.1	-	mg/kg	J+
16-20269	0816-01-0061	0-1	QBT 4	Magnesium	434	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Manganese	204	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0061	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Perchlorate	0.00936	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Potassium	809	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	RDX	1.8	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Selenium	0.33	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Sodium	240	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Tetryl	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Thallium	0.059	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Vanadium	1.1	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0061	0-1	QBT 4	Zinc	33.3	-	mg/kg	J+
16-20269	0816-01-0062	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Aluminum	2200	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Antimony	1	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Barium	16.9	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Beryllium	0.4	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Calcium	731	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chromium	3.3	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Copper	3.8	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0062	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	HMX	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Iron	6440	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Lead	4.2	-	mg/kg	J+
16-20269	0816-01-0062	2-3	QBT 4	Magnesium	285	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Manganese	152	-	mg/kg	J-
16-20269	0816-01-0062	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0062	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Perchlorate	0.00941	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Potassium	566	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	RDX	0.57	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Selenium	0.25	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Silver	0.58	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Sodium	249	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Tetryl	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Thallium	0.028	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Vanadium	0.44	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Zinc	27.3	-	mg/kg	J+
16-20124	0816-01-0063	0-1	Fill	Acenaphthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Acenaphthylene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Aluminum	14100	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Aniline	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20124	0816-01-0063	0-1	Fill	Anthracene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Antimony	0.92	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Arsenic	3.5	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Azobenzene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Barium	186	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzyl Alcohol	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Beryllium	1	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Cadmium	0.21	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Calcium	2360	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chromium	8.3	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chrysene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Cobalt	3.6	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Copper	29.4	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dibenzofuran	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Diethylphthalate	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20124	0816-01-0063	0-1	Fill	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Fluoranthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Fluorene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachlorobenzene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachloroethane	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	HMX	7.7	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Iron	14800	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Isophorone	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Lead	21.3	-	mg/kg	J+
16-20124	0816-01-0063	0-1	Fill	Magnesium	1820	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Manganese	151	-	mg/kg	J-
16-20124	0816-01-0063	0-1	Fill	Mercury	0.058	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Naphthalene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nickel	7.7	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrobenzene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20124	0816-01-0063	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Phenanthrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Phenol	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Potassium	1500	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Pyrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	RDX	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Selenium	0.23	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Silver	0.53	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Sodium	423	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Tetryl	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Thallium	0.26	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Vanadium	15.3	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Zinc	64.1	-	mg/kg	J+
16-20087	0816-01-0064	0-1	Fill	Acenaphthene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Acenaphthylene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Aluminum	19900	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Aniline	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Anthracene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Antimony	0.99	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Arsenic	4.3	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Azobenzene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Barium	180	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20087	0816-01-0064	0-1	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzoic Acid	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzyl Alcohol	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Beryllium	1.8	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Cadmium	0.079	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Calcium	3650	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chromium	39.4	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chrysene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Copper	9.5	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dibenzofuran	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Diethylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrobenzene[1,3-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Fluoranthene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Fluorene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachlorobenzene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachloroethane	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	HMX	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Iron	19900	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Isophorone	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Lead	22.9	-	mg/kg	J+
16-20087	0816-01-0064	0-1	Fill	Magnesium	2880	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Manganese	88.5	-	mg/kg	J-
16-20087	0816-01-0064	0-1	Fill	Mercury	0.036	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Naphthalene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nickel	10.2	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Nitroaniline[2-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitroaniline[3-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitroaniline[4-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrobenzene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrophenol[4-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Pentachlorophenol	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Phenanthrene	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20087	0816-01-0064	0-1	Fill	Phenol	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Potassium	2140	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Pyrene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	RDX	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Selenium	0.25	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Silver	0.57	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Sodium	453	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Tetryl	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Thallium	0.66	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Vanadium	21.5	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Zinc	35.8	-	mg/kg	J+
16-20579	0816-01-0065	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Aluminum	2630	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Antimony	0.89	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Arsenic	0.12	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Barium	25.6	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Beryllium	0.48	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20579	0816-01-0065	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Cadmium	0.071	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Calcium	734	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chromium	1.6	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Cobalt	0.69	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Copper	1.8	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20579	0816-01-0065	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	HMX	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Iron	6150	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Lead	4.7	-	mg/kg	J+
16-20579	0816-01-0065	0-1	Fill	Magnesium	390	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Manganese	185	-	mg/kg	J-
16-20579	0816-01-0065	0-1	Fill	Mercury	0.019	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nickel	2.3	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Potassium	343	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	RDX	0.3	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Selenium	0.25	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Silver	0.51	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Sodium	9.7	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Tetryl	0.28	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20579	0816-01-0065	0-1	Fill	Thallium	0.055	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Vanadium	0.38	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Zinc	35	-	mg/kg	J+
16-20696	0816-01-0066	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Aluminum	5790	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.049	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Arsenic	0.91	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Barium	191	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Beryllium	0.55	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Cadmium	0.072	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Calcium	1620	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20696	0816-01-0066	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chromium	5.3	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Cobalt	4.1	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Copper	4.9	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Iron	8930	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Lead	8.8	-	mg/kg	J+
16-20696	0816-01-0066	0-1	QBT 3	Magnesium	949	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Manganese	316	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20696	0816-01-0066	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nickel	6.1	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Potassium	1120	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	RDX	0.12	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Sodium	9.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Thallium	0.15	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Vanadium	9.2	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Zinc	28	-	mg/kg	J+

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0067	0-0.5	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Aluminum	12100	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Aniline	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Antimony	0.94	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Arsenic	2.3	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Barium	200	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Beryllium	0.98	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Cadmium	0.075	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Calcium	2860	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chromium	9.3	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Cobalt	5.8	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Copper	7.2	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dibenzofuran	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	HMX	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Iron	12800	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Lead	13.5	-	mg/kg	J+
16-20474	0816-01-0067	0-0.5	QBT 4	Magnesium	1730	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Manganese	249	-	mg/kg	J-
16-20474	0816-01-0067	0-0.5	QBT 4	Mercury	0.028	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nickel	8.5	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Phenol	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Potassium	1130	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	RDX	0.5	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Silver	0.54	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Sodium	63.5	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Thallium	0.19	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Vanadium	19.4	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Zinc	23.6	-	mg/kg	J+
16-20474	0816-01-0068	0-0.5	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Aluminum	8590	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Aniline	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Antimony	0.94	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0068	0-0.5	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Barium	152	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Beryllium	0.76	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Cadmium	0.09	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Calcium	3270	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chromium	12	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Cobalt	4.1	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Copper	6.2	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0068	0-0.5	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	HMX	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Iron	10800	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Lead	10.5	-	mg/kg	J+
16-20474	0816-01-0068	0-0.5	QBT 4	Magnesium	1830	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Manganese	237	-	mg/kg	J-
16-20474	0816-01-0068	0-0.5	QBT 4	Mercury	0.025	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nickel	9.3	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Phenol	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Potassium	1510	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	RDX	0.048	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Silver	0.54	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Sodium	136	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Thallium	0.16	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Zinc	30.5	-	mg/kg	J+
16-20474	0816-01-0069	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Aluminum	10400	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Antimony	0.93	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Barium	152	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0069	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Beryllium	0.91	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Cadmium	0.14	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Calcium	2890	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chromium	8.1	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Copper	6.4	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0069	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	HMX	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Iron	11400	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Lead	144	-	mg/kg	J+
16-20474	0816-01-0069	2-3	QBT 4	Magnesium	1870	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Manganese	210	-	mg/kg	J-
16-20474	0816-01-0069	2-3	QBT 4	Mercury	0.024	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nickel	8.4	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Phenol	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Potassium	1640	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0069	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	RDX	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Sodium	116	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Thallium	0.5	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Vanadium	11.4	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Zinc	31.3	-	mg/kg	J+
16-20474	0816-01-0070	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Aluminum	10700	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Aniline	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Antimony	0.95	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Arsenic	3.1	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Barium	189	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Beryllium	0.91	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0070	2-3	QBT 4	Cadmium	0.076	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Calcium	2410	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chromium	8	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Cobalt	5.6	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Copper	5.8	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	HMX	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0070	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Iron	14700	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Lead	14.7	-	mg/kg	J+
16-20474	0816-01-0070	2-3	QBT 4	Magnesium	1540	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Manganese	361	-	mg/kg	J-
16-20474	0816-01-0070	2-3	QBT 4	Mercury	0.029	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nickel	7.3	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Potassium	1090	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	RDX	0.66	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Silver	0.55	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Sodium	63.2	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Thallium	0.17	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0070	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Vanadium	25.8	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Zinc	21.1	-	mg/kg	J+
16-20698	0816-01-0071	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Aluminum	8450	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Antimony	0.91	-	mg/kg	UJ
16-20698	0816-01-0071	0-1	QBT 3	Arsenic	1	-	mg/kg	J-
16-20698	0816-01-0071	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Barium	446	-	mg/kg	J-
16-20698	0816-01-0071	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Beryllium	0.74	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Calcium	3350	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chromium	8	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20698	0816-01-0071	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Cobalt	4.8	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Copper	7.2	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	HMX	0.81	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Iron	12100	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Lead	10	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Magnesium	1390	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Manganese	478	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Mercury	0.034	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20698	0816-01-0071	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nickel	7.5	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Potassium	1090	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	RDX	0.075	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20698	0816-01-0071	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Sodium	104	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Thallium	0.44	-	mg/kg	J+
16-20698	0816-01-0071	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Vanadium	14.6	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Zinc	43.2	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20295	0816-01-0072	0-1	QBT 4	Aluminum	13300	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Antimony	0.97	-	mg/kg	UJ
16-20295	0816-01-0072	0-1	QBT 4	Arsenic	2.3	-	mg/kg	J-
16-20295	0816-01-0072	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Barium	54.6	-	mg/kg	J-
16-20295	0816-01-0072	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Calcium	2240	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chromium	12.1	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20295	0816-01-0072	0-1	QBT 4	Copper	7.4	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Iron	17200	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Lead	6.6	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Magnesium	2360	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Manganese	64.1	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nickel	11.3	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20295	0816-01-0072	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Potassium	1440	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	RDX	2.3	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20295	0816-01-0072	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Sodium	150	-	mg/kg	J
16-20295	0816-01-0072	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Thallium	0.34	-	mg/kg	J+
16-20295	0816-01-0072	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Vanadium	16.3	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Zinc	36.2	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Acenaphthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Acenaphthylene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Aluminum	18700	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.11	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Aniline	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Anthracene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Antimony	0.96	-	mg/kg	UJ
16-20148	0816-01-0073	0-0.5	ALLH	Arsenic	2.3	-	mg/kg	J-
16-20148	0816-01-0073	0-0.5	ALLH	Azobenzene	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20148	0816-01-0073	0-0.5	ALLH	Barium	63.5	-	mg/kg	J-
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzoic Acid	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzyl Alcohol	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Beryllium	1.2	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Cadmium	0.076	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Calcium	3000	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chromium	11.6	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chrysene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Cobalt	2.2	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Copper	6.8	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dibenzofuran	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Diethylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Fluoranthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Fluorene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachlorobenzene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachloroethane	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	HMX	2.5	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Iron	18400	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Isophorone	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Lead	11.4	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Magnesium	2580	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Manganese	106	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Mercury	0.039	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Methylphenol[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Methylphenol[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Naphthalene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nickel	7.2	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Nitroaniline[2-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitroaniline[3-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrobenzene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20148	0816-01-0073	0-0.5	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Phenanthrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Phenol	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Potassium	2290	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Pyrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	RDX	1.3	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Selenium	0.24	-	mg/kg	UJ
16-20148	0816-01-0073	0-0.5	ALLH	Silver	0.55	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Sodium	556	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Tetryl	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Thallium	0.32	-	mg/kg	J+
16-20148	0816-01-0073	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Vanadium	20.6	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Zinc	38.2	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Aluminum	9020	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Antimony	0.91	-	mg/kg	UJ
16-20702	0816-01-0074	0-1	QBT 3	Arsenic	1.4	-	mg/kg	J-
16-20702	0816-01-0074	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Barium	682	-	mg/kg	J-
16-20702	0816-01-0074	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0074	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Cadmium	0.089	-	mg/kg	J
16-20702	0816-01-0074	0-1	QBT 3	Calcium	1710	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chromium	6.7	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Cobalt	5.1	-	mg/kg	J
16-20702	0816-01-0074	0-1	QBT 3	Copper	7.2	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0074	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Iron	12800	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Lead	12.5	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Magnesium	1430	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Manganese	485	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nickel	5.2	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Potassium	934	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	RDX	0.29	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0074	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702	0816-01-0074	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Sodium	116	-	mg/kg	J
16-20702	0816-01-0074	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Thallium	0.17	-	mg/kg	J+
16-20702	0816-01-0074	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Vanadium	18.1	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Zinc	42.6	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Aluminum	9910	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.17	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.14	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702	0816-01-0075	0-1	QBT 3	Arsenic	1	-	mg/kg	J-
16-20702	0816-01-0075	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Barium	518	-	mg/kg	J-
16-20702	0816-01-0075	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Calcium	1820	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0075	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chromium	7.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Cobalt	6.4	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Copper	6.2	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	HMX	2.4	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Iron	12500	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0075	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Lead	11.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Magnesium	1580	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Manganese	515	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nickel	5.9	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Potassium	1200	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	RDX	1.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702	0816-01-0075	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Sodium	119	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Thallium	0.14	-	mg/kg	J+
16-20702	0816-01-0075	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0075	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Vanadium	17.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Zinc	41.2	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Aluminum	9780	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702	0816-01-0076	2-3	QBT 3	Arsenic	1.3	-	mg/kg	J-
16-20702	0816-01-0076	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Barium	212	-	mg/kg	J-
16-20702	0816-01-0076	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Beryllium	1.3	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Cadmium	0.098	-	mg/kg	J
16-20702	0816-01-0076	2-3	QBT 3	Calcium	1290	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chromium	6.6	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0076	2-3	QBT 3	Cobalt	6.1	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Copper	5.9	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	HMX	0.79	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Iron	11400	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Lead	11.6	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Magnesium	2240	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Manganese	578	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Mercury	0.025	-	mg/kg	J
16-20702	0816-01-0076	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0076	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nickel	10.5	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Potassium	1240	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	RDX	1.1	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702	0816-01-0076	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Sodium	142	-	mg/kg	J
16-20702	0816-01-0076	2-3	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Thallium	0.17	-	mg/kg	J+
16-20702	0816-01-0076	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Vanadium	20.2	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Zinc	33.2	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Aluminum	10300	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0077	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702	0816-01-0077	2-3	QBT 3	Arsenic	1.8	-	mg/kg	J-
16-20702	0816-01-0077	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Barium	181	-	mg/kg	J-
16-20702	0816-01-0077	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Beryllium	1.4	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Cadmium	0.079	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Calcium	1170	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chromium	8.3	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Cobalt	4	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Copper	7.9	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0077	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	HMX	0.73	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Iron	13200	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Lead	12.6	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Magnesium	1460	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Manganese	373	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Mercury	0.024	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nickel	7.4	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0077	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Potassium	908	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	RDX	0.87	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Selenium	0.3	-	mg/kg	J-
16-20702	0816-01-0077	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Sodium	142	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Thallium	0.2	-	mg/kg	J+
16-20702	0816-01-0077	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Vanadium	21.8	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Zinc	39	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Aluminum	9100	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Antimony	0.86	-	mg/kg	UJ
16-20693	0816-01-0078	0-1	ALLH	Arsenic	0.82	-	mg/kg	J-
16-20693	0816-01-0078	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Barium	145	-	mg/kg	J-
16-20693	0816-01-0078	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0078	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Beryllium	0.77	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Cadmium	0.069	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Calcium	1980	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chromium	7.8	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Cobalt	3.8	-	mg/kg	J
16-20693	0816-01-0078	0-1	ALLH	Copper	4.9	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Iron	11700	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Lead	9.4	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Magnesium	1520	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Manganese	303	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Mercury	0.018	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nickel	6.6	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0078	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Potassium	1990	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	RDX	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20693	0816-01-0078	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Sodium	132	-	mg/kg	J
16-20693	0816-01-0078	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Thallium	0.19	-	mg/kg	J+
16-20693	0816-01-0078	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Vanadium	15.8	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Zinc	31	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Aluminum	6060	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Aniline	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Antimony	0.88	-	mg/kg	UJ
16-20693	0816-01-0079	2-3	ALLH	Arsenic	0.6	-	mg/kg	J-
16-20693	0816-01-0079	2-3	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Barium	67	-	mg/kg	J-
16-20693	0816-01-0079	2-3	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Beryllium	0.6	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0079	2-3	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Cadmium	0.07	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Calcium	1150	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chromium	11.8	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chrysene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Cobalt	3.6	-	mg/kg	J
16-20693	0816-01-0079	2-3	ALLH	Copper	3.4	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Fluorene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0079	2-3	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	HMX	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Iron	10200	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Isophorone	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Lead	8.1	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Magnesium	961	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Manganese	354	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Mercury	0.019	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nickel	10.1	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Phenol	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Potassium	901	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	RDX	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20693	0816-01-0079	2-3	ALLH	Silver	0.5	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0079	2-3	ALLH	Sodium	90.9	-	mg/kg	J
16-20693	0816-01-0079	2-3	ALLH	Tetryl	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Thallium	0.13	-	mg/kg	J+
16-20693	0816-01-0079	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Vanadium	14.7	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Zinc	25.8	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Aluminum	13100	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Aniline	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Anthracene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Antimony	0.89	-	mg/kg	UJ
16-20652	0816-01-0080	0-0.5	ALLH	Arsenic	1.3	-	mg/kg	J-
16-20652	0816-01-0080	0-0.5	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Barium	139	-	mg/kg	J-
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Beryllium	0.8	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Cadmium	0.071	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Calcium	1930	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0080	0-0.5	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chromium	8.1	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chrysene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Cobalt	4.6	-	mg/kg	J
16-20652	0816-01-0080	0-0.5	ALLH	Copper	4.1	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Fluorene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	HMX	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Iron	11400	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Isophorone	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Lead	10.7	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0080	0-0.5	ALLH	Magnesium	1560	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Manganese	372	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Mercury	0.019	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nickel	7.3	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Perchlorate	0.032	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Phenol	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Potassium	1610	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Pyrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	RDX	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20652	0816-01-0080	0-0.5	ALLH	Silver	0.51	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Sodium	75	-	mg/kg	J
16-20652	0816-01-0080	0-0.5	ALLH	Tetryl	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Thallium	0.16	-	mg/kg	J+
16-20652	0816-01-0080	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0080	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Vanadium	17.5	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Zinc	24.3	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Acenaphthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Acenaphthylene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Aluminum	12200	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Aniline	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Anthracene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Antimony	0.97	-	mg/kg	UJ
16-20652	0816-01-0081	2-3	ALLH	Arsenic	2.1	-	mg/kg	J-
16-20652	0816-01-0081	2-3	ALLH	Azobenzene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Barium	141	-	mg/kg	J-
16-20652	0816-01-0081	2-3	ALLH	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzoic Acid	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzyl Alcohol	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Beryllium	0.94	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Cadmium	0.077	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Calcium	1700	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chromium	12.8	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chrysene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Cobalt	5.3	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0081	2-3	ALLH	Copper	6.2	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dibenzofuran	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Diethylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Fluoranthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Fluorene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachlorobenzene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachloroethane	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	HMX	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Iron	13000	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Isophorone	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Lead	11.8	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Magnesium	1880	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Manganese	320	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Mercury	0.021	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Methylphenol[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Methylphenol[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Naphthalene	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0081	2-3	ALLH	Nickel	9.2	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Nitroaniline[2-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitroaniline[3-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrobenzene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrobenzene	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Perchlorate	0.0352	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Phenanthrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Phenol	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Potassium	2030	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Pyrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	RDX	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Selenium	0.24	-	mg/kg	UJ
16-20652	0816-01-0081	2-3	ALLH	Silver	0.56	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Sodium	61.1	-	mg/kg	J
16-20652	0816-01-0081	2-3	ALLH	Tetryl	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Thallium	0.16	-	mg/kg	J+
16-20652	0816-01-0081	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Vanadium	23.5	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Zinc	26.5	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Aluminum	32700	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0082	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Aniline	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Antimony	0.97	-	mg/kg	UJ
16-20223	0816-01-0082	0-0.5	QBT 4	Arsenic	2.7	-	mg/kg	J-
16-20223	0816-01-0082	0-0.5	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Barium	280	-	mg/kg	J-
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Calcium	3890	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chromium	15.6	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Cobalt	4.1	-	mg/kg	J
16-20223	0816-01-0082	0-0.5	QBT 4	Copper	10.5	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	HMX	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Iron	22500	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Lead	19.7	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Magnesium	4250	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Manganese	208	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Mercury	0.061	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nickel	12.6	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Perchlorate	0.0364	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Phenol	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Potassium	3540	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	RDX	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20223	0816-01-0082	0-0.5	QBT 4	Silver	0.56	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Sodium	567	-	mg/kg	J
16-20223	0816-01-0082	0-0.5	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Thallium	0.61	-	mg/kg	J+
16-20223	0816-01-0082	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Vanadium	26.4	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Zinc	43.1	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Aluminum	17400	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Antimony	0.93	-	mg/kg	UJ
16-20223	0816-01-0083	2-3	QBT 4	Arsenic	2	-	mg/kg	J-
16-20223	0816-01-0083	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Barium	161	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0083	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Beryllium	1.5	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Cadmium	0.15	-	mg/kg	J
16-20223	0816-01-0083	2-3	QBT 4	Calcium	5220	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chromium	10	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20223	0816-01-0083	2-3	QBT 4	Copper	6.7	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0083	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	HMX	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Iron	16900	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Lead	10	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Magnesium	2860	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Manganese	211	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Mercury	0.042	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nickel	8.3	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0083	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Perchlorate	0.00843	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Phenol	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Potassium	2230	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	RDX	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Selenium	0.24	-	mg/kg	UJ
16-20223	0816-01-0083	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Sodium	344	-	mg/kg	J
16-20223	0816-01-0083	2-3	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Thallium	0.35	-	mg/kg	J+
16-20223	0816-01-0083	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Vanadium	18.2	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Zinc	38.1	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Aluminum	9110	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Antimony	0.88	-	mg/kg	UJ
16-20654	0816-01-0084	0-1	ALLH	Arsenic	0.82	-	mg/kg	J-
16-20654	0816-01-0084	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Barium	100	-	mg/kg	J-
16-20654	0816-01-0084	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0084	0-1	ALLH	Beryllium	0.72	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Cadmium	0.07	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Calcium	2110	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chromium	8.1	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Cobalt	3.9	-	mg/kg	J
16-20654	0816-01-0084	0-1	ALLH	Copper	3.5	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0084	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Iron	11500	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Lead	9	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Magnesium	1380	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Manganese	279	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Mercury	0.031	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nickel	6.1	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Potassium	1380	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	RDX	0.27	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0084	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20654	0816-01-0084	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Sodium	103	-	mg/kg	J
16-20654	0816-01-0084	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Thallium	0.13	-	mg/kg	J+
16-20654	0816-01-0084	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Vanadium	16.9	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Zinc	30.4	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Aluminum	11100	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Aniline	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Antimony	0.86	-	mg/kg	UJ
16-20654	0816-01-0085	2-3	ALLH	Arsenic	1.2	-	mg/kg	J-
16-20654	0816-01-0085	2-3	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Barium	148	-	mg/kg	J-
16-20654	0816-01-0085	2-3	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Beryllium	0.84	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Cadmium	0.069	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Calcium	2150	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0085	2-3	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chromium	7.9	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chrysene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Cobalt	4.2	-	mg/kg	J
16-20654	0816-01-0085	2-3	ALLH	Copper	4	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Fluorene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	HMX	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Iron	11700	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0085	2-3	ALLH	Isophorone	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Lead	9.6	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Magnesium	1490	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Manganese	287	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Mercury	0.035	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nickel	7.2	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Phenol	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Potassium	1920	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	RDX	0.21	-	mg/kg	J
16-20654	0816-01-0085	2-3	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20654	0816-01-0085	2-3	ALLH	Silver	0.5	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Sodium	108	-	mg/kg	J
16-20654	0816-01-0085	2-3	ALLH	Tetryl	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Thallium	0.14	-	mg/kg	J+
16-20654	0816-01-0085	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0085	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Vanadium	17.8	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Zinc	27.7	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Aluminum	8280	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Antimony	0.87	-	mg/kg	UJ
16-20692	0816-01-0086	0-1	ALLH	Arsenic	1	-	mg/kg	J-
16-20692	0816-01-0086	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Barium	266	-	mg/kg	J-
16-20692	0816-01-0086	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Beryllium	0.78	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Cadmium	0.092	-	mg/kg	J
16-20692	0816-01-0086	0-1	ALLH	Calcium	3120	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chromium	6.4	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chrysene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20692	0816-01-0086	0-1	ALLH	Cobalt	3.9	-	mg/kg	J
16-20692	0816-01-0086	0-1	ALLH	Copper	5.1	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	HMX	0.71	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Iron	11400	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Lead	10.4	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Magnesium	1360	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Manganese	399	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Mercury	0.042	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20692	0816-01-0086	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nickel	6.4	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Potassium	1300	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	RDX	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20692	0816-01-0086	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Sodium	128	-	mg/kg	J
16-20692	0816-01-0086	0-1	ALLH	Tetryl	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Thallium	0.16	-	mg/kg	J+
16-20692	0816-01-0086	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Vanadium	14.8	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Zinc	35.7	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Aluminum	1410	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0087	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20562	0816-01-0087	0-1	QBT 3	Arsenic	0.6	-	mg/kg	J-
16-20562	0816-01-0087	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Barium	106	-	mg/kg	J-
16-20562	0816-01-0087	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Beryllium	0.6	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Cadmium	0.2	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Calcium	337	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chromium	0.82	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Cobalt	0.83	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Copper	1.7	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0087	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Iron	7530	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Lead	1.7	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Magnesium	150	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Manganese	259	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Mercury	0.034	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nickel	3.2	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0087	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Potassium	259	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	RDX	0.6	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Selenium	0.31	-	mg/kg	J-
16-20562	0816-01-0087	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Sodium	121	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Thallium	0.015	-	mg/kg	J+
16-20562	0816-01-0087	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Vanadium	2.9	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Zinc	30.9	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Aluminum	1230	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Antimony	0.86	-	mg/kg	UJ
16-20562	0816-01-0088	2-3	QBT 3	Arsenic	1.1	-	mg/kg	J-
16-20562	0816-01-0088	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Barium	9.7	-	mg/kg	J-
16-20562	0816-01-0088	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0088	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Cadmium	0.07	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Calcium	318	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chromium	0.6	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Cobalt	0.73	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Copper	2.6	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Iron	7630	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Lead	2.1	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Magnesium	130	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Manganese	301	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Mercury	0.029	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nickel	3.5	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0088	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Potassium	272	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	RDX	0.6	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Selenium	0.54	-	mg/kg	J-
16-20562	0816-01-0088	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Sodium	133	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Vanadium	3.7	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Zinc	33.2	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Aluminum	7270	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20736	0816-01-0090	0-1	QBT 3	Arsenic	1.1	-	mg/kg	J-
16-20736	0816-01-0090	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Barium	493	-	mg/kg	J-
16-20736	0816-01-0090	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20736	0816-01-0090	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Cadmium	0.086	-	mg/kg	J
16-20736	0816-01-0090	0-1	QBT 3	Calcium	3210	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chromium	17.4	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Cobalt	3.9	-	mg/kg	J
16-20736	0816-01-0090	0-1	QBT 3	Copper	6.1	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20736	0816-01-0090	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	HMX	0.79	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Iron	11900	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Lead	25.4	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Magnesium	1320	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Manganese	396	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Mercury	0.029	-	mg/kg	J
16-20736	0816-01-0090	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nickel	5.9	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Potassium	1310	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20736	0816-01-0090	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Sodium	163	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20736	0816-01-0090	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Thallium	0.1	-	mg/kg	J+
16-20736	0816-01-0090	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Vanadium	13.7	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Zinc	65	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Aluminum	3390	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0091	0-1	QBT 4	Arsenic	1	-	mg/kg	J-
16-20333	0816-01-0091	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Barium	18.3	-	mg/kg	J-
16-20333	0816-01-0091	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Beryllium	0.76	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Cadmium	0.23	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Calcium	1080	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0091	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chromium	4.5	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Copper	2.6	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	HMX	0.32	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Iron	10000	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Lead	3.9	-	mg/kg	J-
16-20333	0816-01-0091	0-1	QBT 4	Magnesium	899	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0091	0-1	QBT 4	Manganese	133	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Perchlorate	0.00915	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Potassium	874	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	RDX	0.32	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Sodium	200	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Thallium	0.042	-	mg/kg	J+
16-20333	0816-01-0091	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0091	0-1	QBT 4	Vanadium	5.1	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Zinc	35	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Aluminum	3530	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0092	0-1	QBT 4	Arsenic	1.1	-	mg/kg	J-
16-20333	0816-01-0092	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Barium	20.2	-	mg/kg	J-
16-20333	0816-01-0092	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Beryllium	0.7	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Cadmium	0.17	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Calcium	1050	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chromium	4.4	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Copper	2.8	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0092	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20333	0816-01-0092	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Iron	9570	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Lead	3.7	-	mg/kg	J-
16-20333	0816-01-0092	0-1	QBT 4	Magnesium	860	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Manganese	165	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nickel	5.7	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0092	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Perchlorate	0.00918	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Potassium	1030	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Sodium	210	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Thallium	0.055	-	mg/kg	J+
16-20333	0816-01-0092	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Vanadium	4.6	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Zinc	36	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Aluminum	2410	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0093	2-3	QBT 4	Aniline	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0093	2-3	QBT 4	Arsenic	1.3	-	mg/kg	J-
16-20333	0816-01-0093	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Barium	20.6	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Beryllium	0.58	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Cadmium	0.17	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Calcium	999	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chromium	5.8	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Copper	2.9	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0093	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20333	0816-01-0093	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	HMX	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Iron	9320	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Lead	3.4	-	mg/kg	J-
16-20333	0816-01-0093	2-3	QBT 4	Magnesium	940	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Manganese	189	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nickel	5.3	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0093	2-3	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Perchlorate	0.00944	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Potassium	857	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	RDX	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Selenium	0.3	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Silver	0.59	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Sodium	202	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Thallium	0.027	-	mg/kg	J+
16-20333	0816-01-0093	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Vanadium	4.2	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Zinc	39	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Aluminum	2140	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Anthracene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Arsenic	0.93	-	mg/kg	J-
16-20333	0816-01-0094	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Barium	22.4	-	mg/kg	J-
16-20333	0816-01-0094	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	UJ

Table 0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0094	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Beryllium	0.56	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Cadmium	0.15	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Calcium	1060	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Chromium	4	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Chrysene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Cobalt	2.6	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Copper	2.4	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Fluorene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	HMX	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Iron	9580	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Isophorone	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Lead	3.6	-	mg/kg	J-
16-20333	0816-01-0094	2-3	QBT 4	Magnesium	940	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Manganese	248	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nickel	5.5	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0094	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Perchlorate	0.00945	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Potassium	837	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Pyrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	RDX	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Selenium	0.26	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Silver	0.6	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Sodium	223	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Thallium	0.029	-	mg/kg	J+
16-20333	0816-01-0094	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Vanadium	4.7	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Zinc	36.4	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Aluminum	6650	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Antimony	0.9	-	mg/kg	UJ
16-20477	0816-01-0095	0-1	QBT 4	Arsenic	1.5	-	mg/kg	J-
16-20477	0816-01-0095	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Barium	1200	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Beryllium	0.58	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20477	0816-01-0095	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.08	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Cadmium	0.1	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Calcium	1970	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chromium	5.3	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Cobalt	3.7	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Copper	6.8	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	UJ
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20477	0816-01-0095	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	HMX	0.48	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Iron	8730	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Lead	18.3	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Magnesium	989	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Manganese	194	-	mg/kg	J+
16-20477	0816-01-0095	0-1	QBT 4	Mercury	0.0045	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nickel	4.8	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	UJ
16-20477	0816-01-0095	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Potassium	655	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	RDX	0.83	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Selenium	0.23	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20477	0816-01-0095	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Sodium	77	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Thallium	0.37	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Vanadium	8.5	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Zinc	26.1	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Aluminum	8350	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Antimony	0.83	-	mg/kg	UJ
16-20513	0816-01-0096	0-1	QBT 4	Arsenic	1.9	-	mg/kg	J-
16-20513	0816-01-0096	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Barium	1390	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.62	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Cadmium	0.081	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Calcium	2380	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20513	0816-01-0096	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chromium	6.7	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Cobalt	4.9	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Copper	8.6	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Di-n-butylphthalate	0.13	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	UJ
16-20513	0816-01-0096	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Iron	10200	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20513	0816-01-0096	0-1	QBT 4	Lead	33.3	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Magnesium	1420	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Manganese	259	-	mg/kg	J+
16-20513	0816-01-0096	0-1	QBT 4	Mercury	0.0046	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nickel	5.4	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrosodimethylamine[N-]	0.35	-	mg/kg	UJ
16-20513	0816-01-0096	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Potassium	1050	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	RDX	0.46	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Selenium	0.23	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Silver	0.48	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Sodium	58.4	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Thallium	0.18	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20513	0816-01-0096	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Vanadium	14.2	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Zinc	35	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Acenaphthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Acenaphthylene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Aluminum	4040	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Aniline	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Anthracene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Antimony	1.1	-	mg/kg	UJ
16-20121	0816-01-0097	0-1	QBT 4	Arsenic	2.9	-	mg/kg	J-
16-20121	0816-01-0097	0-1	QBT 4	Azobenzene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Barium	45.7	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Benzo(a)anthracene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(a)pyrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(b)fluoranthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(g,h,i)perylene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(k)fluoranthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzoic Acid	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzyl Alcohol	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Beryllium	0.34	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Bis(2-chloroethyl)ether	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Butylbenzylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Cadmium	0.09	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Calcium	2050	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chloroaniline[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chloronaphthalene[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chlorophenol[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chromium	8.2	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Chromium hexavalent ion	0.57	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chrysene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Cobalt	0.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20121	0816-01-0097	0-1	QBT 4	Copper	1.6	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Dibenz(a,h)anthracene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dibenzofuran	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzene[1,2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzene[1,3-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzene[1,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorophenol[2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Diethylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dimethyl Phthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dimethylphenol[2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Di-n-butylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrobenzene[1,3-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrophenol[2,4-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,6-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20121	0816-01-0097	0-1	QBT 4	Di-n-octylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Fluoranthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Fluorene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Hexachlorobenzene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Hexachlorobutadiene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Hexachlorocyclopentadiene	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Hexachloroethane	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	HMX	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Iron	4050	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Isophorone	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Lead	8.8	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Magnesium	1540	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Manganese	44.7	-	mg/kg	J+
16-20121	0816-01-0097	0-1	QBT 4	Mercury	0.003	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Methylnaphthalene[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Methylphenol[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Methylphenol[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Naphthalene	0.47	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20121	0816-01-0097	0-1	QBT 4	Nickel	2.4	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Nitroaniline[2-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitroaniline[3-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitroaniline[4-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrobenzene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrophenol[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrophenol[4-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrosodimethylamine[N-]	0.47	-	mg/kg	UJ
16-20121	0816-01-0097	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrotoluene[2-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrotoluene[3-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrotoluene[4-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Pentachlorophenol	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Phenanthrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Phenol	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Potassium	764	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Pyrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	RDX	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Selenium	0.44	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Silver	0.65	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Sodium	58.7	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Tetryl	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Thallium	0.36	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Vanadium	2.5	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Zinc	15.6	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Aluminum	1970	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20561	0816-01-0098	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Arsenic	0.12	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Barium	646	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Cadmium	0.069	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Calcium	316	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chromium	0.44	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Cobalt	1.1	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20561	0816-01-0098	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	HMX	0.5	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Iron	6100	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Lead	1.2	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Magnesium	164	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Manganese	161	-	mg/kg	J+
16-20561	0816-01-0098	0-1	QBT 3	Mercury	0.0029	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nickel	2.2	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20561	0816-01-0098	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Potassium	259	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	RDX	0.96	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Selenium	0.41	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Sodium	27	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Vanadium	0.38	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Zinc	25.8	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Aluminum	4060	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Antimony	0.92	-	mg/kg	UJ
16-20517	0816-01-0099	0-1	QBT 4	Arsenic	4.2	-	mg/kg	J-
16-20517	0816-01-0099	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Barium	40.8	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20517	0816-01-0099	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Beryllium	0.82	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Cadmium	0.074	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Calcium	1020	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	UJ
16-20517	0816-01-0099	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	HMX	0.3	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Iron	9960	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Lead	3.2	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Magnesium	654	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Manganese	360	-	mg/kg	J+
16-20517	0816-01-0099	0-1	QBT 4	Mercury	0.0037	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nickel	4.6	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20517	0816-01-0099	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20517	0816-01-0099	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Potassium	550	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	RDX	0.46	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Selenium	0.28	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Silver	0.53	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Sodium	61.3	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Vanadium	4.2	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Zinc	45.7	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Aluminum	1760	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20511	0816-01-0100	0-1	QBT 3	Arsenic	0.18	-	mg/kg	J-
16-20511	0816-01-0100	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Barium	13.7	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Beryllium	0.72	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20511	0816-01-0100	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Cadmium	0.069	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Calcium	454	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chromium	0.52	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Cobalt	0.54	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Copper	1.6	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	UJ
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20511	0816-01-0100	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	HMX	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Iron	6520	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Lead	2	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Magnesium	214	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Manganese	240	-	mg/kg	J+
16-20511	0816-01-0100	0-1	QBT 3	Mercury	0.0028	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nickel	2.3	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20511	0816-01-0100	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Potassium	257	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	RDX	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Sodium	21.3	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20511	0816-01-0100	0-1	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Vanadium	0.38	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Zinc	30.5	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Aluminum	3270	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Antimony	0.91	-	mg/kg	UJ
16-20555	0816-01-0101	0-1	QBT 4	Arsenic	0.51	-	mg/kg	J-
16-20555	0816-01-0101	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Barium	21	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Beryllium	0.5	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Cadmium	0.2	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Calcium	922	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20555	0816-01-0101	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Copper	2.5	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Iron	9870	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Lead	2.4	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Magnesium	674	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20555	0816-01-0101	0-1	QBT 4	Manganese	411	-	mg/kg	J+
16-20555	0816-01-0101	0-1	QBT 4	Mercury	0.0035	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	UJ
16-20555	0816-01-0101	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Potassium	453	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	RDX	0.7	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Selenium	0.23	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Sodium	116	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Vanadium	3.7	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20555	0816-01-0101	0-1	QBT 4	Zinc	56.6	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Aluminum	2780	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20558	0816-01-0102	0-1	QBT 3	Arsenic	0.14	-	mg/kg	J-
16-20558	0816-01-0102	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Barium	489	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Beryllium	0.47	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.11	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Cadmium	0.1	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Calcium	519	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chromium	1.6	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Cobalt	1.6	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20558	0816-01-0102	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	HMX	0.33	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Iron	7960	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Lead	2.3	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Magnesium	415	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Manganese	333	-	mg/kg	J+
16-20558	0816-01-0102	0-1	QBT 3	Mercury	0.0031	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nickel	3.1	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20558	0816-01-0102	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20558	0816-01-0102	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Potassium	267	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	RDX	1.9	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Selenium	0.54	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Sodium	68.3	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Vanadium	1.3	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Zinc	36.2	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Aluminum	1540	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20514	0816-01-0103	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20514	0816-01-0103	0-1	QBT 3	Arsenic	0.27	-	mg/kg	UJ
16-20514	0816-01-0103	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Barium	36.4	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Beryllium	0.25	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Cadmium	0.1	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Calcium	402	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chromium	0.92	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Cobalt	0.54	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20514	0816-01-0103	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Iron	6420	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Magnesium	180	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Manganese	226	-	mg/kg	J+
16-20514	0816-01-0103	0-1	QBT 3	Mercury	0.0028	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nickel	1.4	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20514	0816-01-0103	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20514	0816-01-0103	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Potassium	257	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	RDX	0.46	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Silver	0.58	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Sodium	12.5	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Vanadium	0.38	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Zinc	28.5	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Aluminum	1630	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20515	0816-01-0104	0-1	QBT 3	Arsenic	0.13	-	mg/kg	UJ
16-20515	0816-01-0104	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Barium	163	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20515	0816-01-0104	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Beryllium	0.41	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Cadmium	0.08	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Calcium	691	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chromium	1.4	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Cobalt	1	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Copper	2.4	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Iron	7110	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Lead	2.2	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Magnesium	279	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Manganese	232	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Mercury	0.0032	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nickel	2.3	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	UJ
16-20515	0816-01-0104	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Phenol	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20515	0816-01-0104	0-1	QBT 3	Potassium	272	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	RDX	0.87	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Selenium	0.59	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Silver	0.59	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Sodium	70.4	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Thallium	0.013	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Vanadium	0.4	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Zinc	36.9	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Aluminum	7210	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20262	0816-01-0105	0-1	Fill	Arsenic	1.6	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Barium	354	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Beryllium	0.7	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20262	0816-01-0105	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Cadmium	0.071	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Calcium	2360	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chromium	5.3	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Copper	13.4	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20262	0816-01-0105	0-1	Fill	HMX	1	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Iron	8470	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Lead	16.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Magnesium	1170	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Manganese	219	-	mg/kg	J+
16-20262	0816-01-0105	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nickel	4.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Potassium	605	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	RDX	1.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Selenium	0.23	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Silver	0.83	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Sodium	116	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Thallium	0.49	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20262	0816-01-0105	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Vanadium	12.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Zinc	26.7	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Aluminum	6050	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20263	0816-01-0106	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Barium	192	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Beryllium	0.85	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Cadmium	0.071	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Calcium	2260	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20263	0816-01-0106	0-1	Fill	Chromium	4	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Cobalt	2.7	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Copper	4.8	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	HMX	0.86	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Iron	9810	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Lead	12.6	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Magnesium	1030	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Manganese	250	-	mg/kg	J+
16-20263	0816-01-0106	0-1	Fill	Mercury	0.019	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20263	0816-01-0106	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nickel	3.7	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Potassium	658	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	RDX	1.3	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Selenium	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Silver	0.15	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Sodium	116	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Thallium	0.24	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Vanadium	11.2	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Zinc	27.7	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20265	0816-01-0107	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Aluminum	5550	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Antimony	0.88	-	mg/kg	UJ
16-20265	0816-01-0107	0-1	Fill	Arsenic	1.4	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Barium	921	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Beryllium	0.53	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Cadmium	0.07	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Calcium	2740	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chromium	4.9	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Cobalt	3.8	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Copper	7.1	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	HMX	0.19	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Iron	7830	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Lead	13.8	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Magnesium	930	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Manganese	193	-	mg/kg	J+
16-20265	0816-01-0107	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nickel	3	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20265	0816-01-0107	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Potassium	861	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	RDX	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Selenium	0.42	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Silver	0.44	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Sodium	93.4	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Thallium	0.26	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Vanadium	8.9	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Zinc	28.4	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Aluminum	8180	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20261	0816-01-0108	0-1	Fill	Arsenic	2.1	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0108	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Barium	119	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Beryllium	0.75	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Cadmium	0.071	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Calcium	1680	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chromium	6.6	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Cobalt	4.1	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Copper	5.3	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0108	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Iron	9740	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Lead	10.6	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Magnesium	1330	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Manganese	298	-	mg/kg	J+
16-20261	0816-01-0108	0-1	Fill	Mercury	0.022	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nickel	4.7	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0108	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Potassium	1090	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Selenium	0.22	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Silver	0.099	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Sodium	103	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Thallium	0.14	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Vanadium	14.6	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Zinc	23.2	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Aluminum	7970	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20261	0816-01-0109	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Barium	127	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0109	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Beryllium	0.76	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Cadmium	0.071	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Calcium	1750	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chromium	5.9	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Cobalt	4.6	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Copper	5.7	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0109	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	HMX	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Iron	9730	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Lead	11.6	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Magnesium	1300	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Manganese	364	-	mg/kg	J+
16-20261	0816-01-0109	0-1	Fill	Mercury	0.023	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nickel	4.8	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Potassium	992	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Pyrene	0.38	-	mg/kg	U

Table 0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0109	0-1	Fill	RDX	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Selenium	0.22	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Silver	0.085	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Sodium	90.3	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Thallium	0.14	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Vanadium	14.3	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Zinc	21.1	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Aluminum	4130	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20330	0816-01-0110	0-1	QBT 4	Arsenic	0.9	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Barium	52	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Beryllium	0.4	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bromide	0.0401	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0110	0-1	QBT 4	Cadmium	0.29	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Calcium	1280	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Chloride	15.5	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chromium	2.9	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Copper	3.8	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Fluoride	0.659	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0110	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	HMX	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Iron	8550	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Lead	5.1	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Magnesium	748	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Manganese	172	-	mg/kg	J+
16-20330	0816-01-0110	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nickel	2.9	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Oxalate	0.38	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Perchlorate	0.0384	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Potassium	831	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Silver	0.054	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0110	0-1	QBT 4	Sodium	150	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Sulfate	16.3	-	mg/kg	
16-20330	0816-01-0110	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Thallium	0.029	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Zinc	21.4	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Aluminum	1870	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Aniline	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20330	0816-01-0111	2-3	QBT 4	Arsenic	0.3	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Barium	20.3	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Beryllium	0.35	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bromide	0.0388	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Cadmium	0.15	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Calcium	815	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0111	2-3	QBT 4	Chloride	9.89	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chromium	2.1	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Cobalt	0.62	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Copper	1.6	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Fluoride	4.19	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	HMX	0.32	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0111	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Iron	7050	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Lead	2.4	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Magnesium	634	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Manganese	94.4	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nickel	1.8	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Oxalate	0.369	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Perchlorate	0.0093	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Phenol	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Potassium	297	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	RDX	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Selenium	0.25	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Silver	0.04	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Sodium	94.8	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Sulfate	3.31	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0111	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Vanadium	3.3	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Zinc	19.6	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aluminum	5590	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Antimony	0.93	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Arsenic	0.87	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Barium	31.5	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Cadmium	0.11	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Calcium	1480	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Copper	5.2	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Iron	10600	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Lead	2.6	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Magnesium	916	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Manganese	305	-	mg/kg	J+
16-20516	0816-01-0112	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Potassium	478	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	RDX	0.061	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Selenium	0.7	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Silver	0.07	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Sodium	93.7	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Vanadium	7.1	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Zinc	43.9	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Aluminum	2460	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Antimony	0.99	-	mg/kg	UJ
16-20479	0816-01-0113	0-1	QBT 4	Arsenic	0.41	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Barium	387	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Beryllium	0.84	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Calcium	969	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chromium	2.6	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Copper	3.1	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20479	0816-01-0113	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Iron	10000	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Lead	2	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Magnesium	624	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Manganese	308	-	mg/kg	J+
16-20479	0816-01-0113	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nickel	2.3	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20479	0816-01-0113	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Potassium	365	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	RDX	0.11	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Silver	0.039	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Sodium	106	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Vanadium	5.4	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Zinc	39.3	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Aluminum	1620	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20198	0816-01-0114	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20198	0816-01-0114	0-1	QBT 4	Arsenic	1.3	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Barium	326	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Calcium	689	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chromium	2	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Cobalt	1.4	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Copper	4.5	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20198	0816-01-0114	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Iron	7100	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Lead	6.1	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Magnesium	444	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Manganese	188	-	mg/kg	J+
16-20198	0816-01-0114	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nickel	1.9	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20198	0816-01-0114	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Potassium	420	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	RDX	1.4	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Silver	0.042	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Sodium	122	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Thallium	0.019	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.067	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Vanadium	2.8	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Zinc	27.9	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Aluminum	2120	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20234	0816-01-0115	0-1	QBT 4	Arsenic	0.63	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Barium	263	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20234	0816-01-0115	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Beryllium	0.36	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Calcium	548	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chromium	2.1	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Iron	7690	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Lead	3.4	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Magnesium	414	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Manganese	164	-	mg/kg	J+
16-20234	0816-01-0115	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nickel	1.7	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Phenol	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20234	0816-01-0115	0-1	QBT 4	Potassium	352	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	RDX	0.54	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Silver	0.04	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Sodium	111	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Vanadium	2.6	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Zinc	25.3	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Aluminum	3200	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Barium	19.2	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Beryllium	0.63	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271	0816-01-0116	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Calcium	821	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chromium	4.7	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Copper	1.9	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271	0816-01-0116	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Iron	8110	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Lead	3.8	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Magnesium	589	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Manganese	253	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Mercury	0.026	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nickel	2.2	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Potassium	734	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Sodium	318	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Thallium	0.19	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271	0816-01-0116	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Vanadium	4.1	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Zinc	30.3	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Aluminum	1880	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Barium	27.7	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Beryllium	0.8	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Calcium	1130	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20480	0816-01-0117	0-1	QBT 4	Chromium	2.5	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Iron	8740	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Lead	1.7	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Magnesium	520	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Manganese	308	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Mercury	0.021	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20480	0816-01-0117	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nickel	2	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Potassium	296	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Selenium	0.17	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Sodium	181	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Zinc	31.8	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Acenaphthene	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0118	0-1	QBT 3	Acenaphthylene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Aluminum	6000	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Aniline	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Anthracene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Antimony	0.26	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Arsenic	2.2	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Azobenzene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Barium	315	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzyl Alcohol	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Beryllium	0.95	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Cadmium	0.018	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Calcium	1130	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chromium	5.1	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chrysene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Cobalt	2.7	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Copper	3.5	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dibenzofuran	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Diethylphthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Fluoranthene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Fluorene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Hexachlorobenzene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Hexachloroethane	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	HMX	0.36	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Iron	11300	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Isophorone	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Lead	3.4	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Magnesium	1120	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Manganese	350	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Mercury	0.048	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Methylphenol[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Methylphenol[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Naphthalene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nickel	4.1	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0118	0-1	QBT 3	Nitrobenzene	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrobenzene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Phenanthrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Phenol	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Potassium	734	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Pyrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	RDX	2.7	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Selenium	0.17	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Silver	0.54	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Sodium	207	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Tetryl	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Thallium	0.18	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Vanadium	9.4	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Zinc	52.1	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Aluminum	1700	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Antimony	0.24	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0119	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Barium	14	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Beryllium	0.89	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Calcium	505	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chromium	0.67	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0119	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	HMX	0.24	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Iron	7740	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Lead	1.9	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Magnesium	255	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Manganese	280	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Mercury	0.023	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nickel	2	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0119	2-3	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Potassium	257	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	RDX	1.6	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Selenium	0.13	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Silver	0.5	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Sodium	75.9	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Thallium	0.17	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Vanadium	3.4	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Zinc	30.3	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Aluminum	2340	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Barium	264	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20197	0816-01-0120	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Calcium	733	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chromium	1.4	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Cobalt	1.2	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Copper	0.96	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20197	0816-01-0120	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	HMX	0.28	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Iron	7070	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Lead	3.2	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Magnesium	408	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Manganese	133	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Mercury	0.027	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nickel	1.5	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Potassium	516	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20197	0816-01-0120	0-1	QBT 4	RDX	1.6	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Selenium	0.21	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Sodium	255	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Vanadium	3.6	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Zinc	17.6	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Aluminum	3280	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Barium	674	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Beryllium	0.58	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.21	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0121	0-1	QBT 4	Calcium	1220	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chromium	2.6	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Cobalt	1.9	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Copper	3.2	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	HMX	0.41	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0121	0-1	QBT 4	Iron	8370	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Lead	4	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Magnesium	915	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Manganese	225	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Mercury	0.059	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nickel	2.2	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Potassium	596	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	RDX	0.53	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Selenium	0.64	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Sodium	231	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0121	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Vanadium	5.7	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Zinc	30.6	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Aluminum	1880	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Aniline	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Antimony	0.28	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Barium	640	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Beryllium	0.64	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Calcium	731	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chromium	2.1	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0122	2-3	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Copper	5.7	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	HMX	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Iron	7590	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Lead	2.9	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Magnesium	399	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Manganese	313	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Mercury	0.025	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0122	2-3	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nickel	3.2	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Phenol	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Potassium	341	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	RDX	0.14	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Selenium	0.16	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Silver	0.57	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Sodium	298	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Vanadium	4.8	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Zinc	25.5	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Aluminum	2880	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20520	0816-01-0123	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Arsenic	2.4	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Barium	18.1	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	UJ
16-20520	0816-01-0123	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Calcium	1260	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chromium	3	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Copper	6.5	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Iron	12100	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Lead	2.3	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Magnesium	731	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Manganese	328	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nickel	3.6	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20520	0816-01-0123	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20520	0816-01-0123	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Potassium	292	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	RDX	0.085	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Selenium	0.36	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Sodium	281	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Vanadium	8.1	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Zinc	54.4	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Aluminum	4780	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Antimony	0.48	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Arsenic	4.9	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Barium	29.8	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0124	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20521	0816-01-0124	0-1	QBT 4	Beryllium	1.7	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Calcium	1540	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chromium	3.8	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Copper	4.5	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0124	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Iron	13200	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Lead	3.1	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Magnesium	873	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Manganese	362	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Mercury	0.039	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nickel	5.6	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20521	0816-01-0124	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0124	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Potassium	280	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	RDX	1.7	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Selenium	0.14	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Silver	0.18	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Sodium	256	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Vanadium	10.3	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Zinc	52.1	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Aluminum	4610	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Antimony	0.35	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Arsenic	5	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Barium	29.7	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20521	0816-01-0125	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0125	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Calcium	1290	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chromium	4.2	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Copper	4.5	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0125	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Iron	12500	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Lead	3	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Magnesium	920	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Manganese	359	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Mercury	0.045	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nickel	5.3	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20521	0816-01-0125	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Potassium	406	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Silver	1.4	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Sodium	261	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0125	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Vanadium	10.4	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Zinc	51.3	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Aluminum	5770	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Antimony	0.26	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Arsenic	2.9	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Barium	22.9	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	UJ
16-20518	0816-01-0126	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Calcium	1340	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20518	0816-01-0126	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chromium	4.6	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Cobalt	3.1	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Copper	5.5	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Iron	13000	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Lead	2.6	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Magnesium	1080	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20518	0816-01-0126	0-1	QBT 4	Manganese	305	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20518	0816-01-0126	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Potassium	855	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	RDX	0.091	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Selenium	0.29	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Sodium	187	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Vanadium	11.1	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20518	0816-01-0126	0-1	QBT 4	Zinc	60.1	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Aluminum	7720	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Aniline	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Anthracene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Antimony	0.34	-	mg/kg	J-
16-20440	0816-01-0127	0-1	ALLH	Arsenic	2.2	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Barium	145	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzoic Acid	0.1	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Beryllium	0.7	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Cadmium	0.016	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Calcium	1910	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chromium	10.1	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chrysene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Cobalt	2.9	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Copper	4.1	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20440	0816-01-0127	0-1	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Fluorene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	HMX	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Iron	12700	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Isophorone	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Lead	7.6	-	mg/kg	J-
16-20440	0816-01-0127	0-1	ALLH	Magnesium	2310	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Manganese	237	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Mercury	0.023	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nickel	5.5	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20440	0816-01-0127	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Phenol	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Potassium	1510	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Pyrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	RDX	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Selenium	0.28	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Silver	0.47	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Sodium	207	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Tetryl	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Thallium	0.16	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Vanadium	13.9	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Zinc	40.4	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Aluminum	10400	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.062	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20404	0816-01-0128	0-1	QBT 4	Antimony	0.32	-	mg/kg	J-
16-20404	0816-01-0128	0-1	QBT 4	Arsenic	3.7	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Barium	297	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Beryllium	1	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.099	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Calcium	2090	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chromium	6.7	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Cobalt	11	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Copper	5.9	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20404	0816-01-0128	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	HMX	0.74	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Iron	12600	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Lead	13.8	-	mg/kg	J-
16-20404	0816-01-0128	0-1	QBT 4	Magnesium	1660	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Manganese	842	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nickel	7.2	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20404	0816-01-0128	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Potassium	1290	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	RDX	0.75	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Sodium	118	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Thallium	0.22	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Vanadium	20.4	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Zinc	23.1	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Aluminum	9740	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Antimony	0.26	-	mg/kg	UJ
16-20441	0816-01-0129	0-1	QBT 4	Arsenic	2.6	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Barium	415	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20441	0816-01-0129	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Beryllium	0.81	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Calcium	2350	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chromium	7.9	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Cobalt	3.7	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Copper	5	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	HMX	0.1	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Iron	10500	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Lead	11.2	-	mg/kg	J-
16-20441	0816-01-0129	0-1	QBT 4	Magnesium	1400	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Manganese	223	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nickel	5.9	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Phenol	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20441	0816-01-0129	0-1	QBT 4	Potassium	882	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	RDX	0.099	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Selenium	0.34	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Sodium	138	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Vanadium	13.4	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Zinc	23.1	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Aluminum	6780	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Antimony	0.4	-	mg/kg	J-
16-20196	0816-01-0130	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Barium	1250	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Beryllium	0.67	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.16	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20196	0816-01-0130	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Calcium	1950	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chromium	5.6	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Copper	11.2	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20196	0816-01-0130	0-1	QBT 4	HMX	5.8	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Iron	9620	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Lead	13.5	-	mg/kg	J-
16-20196	0816-01-0130	0-1	QBT 4	Magnesium	1110	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Manganese	195	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Mercury	0.031	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nickel	4.6	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Potassium	786	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	RDX	7.4	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Selenium	0.18	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Sodium	211	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Thallium	0.17	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20196	0816-01-0130	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Vanadium	10.2	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Zinc	38.2	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Aluminum	6240	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20584	0816-01-0131	0-1	QBT 3	Arsenic	2.3	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Barium	35.7	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Beryllium	0.98	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Calcium	659	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20584	0816-01-0131	0-1	QBT 3	Chromium	5.6	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Cobalt	2.1	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Copper	2.3	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Iron	9320	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Lead	3.9	-	mg/kg	J-
16-20584	0816-01-0131	0-1	QBT 3	Magnesium	868	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Manganese	222	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Mercury	0.019	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20584	0816-01-0131	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nickel	4.2	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Potassium	482	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Selenium	0.18	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Sodium	120	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Vanadium	8	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Zinc	37.6	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20585	0816-01-0132	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Aluminum	4060	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Antimony	0.25	-	mg/kg	UJ
16-20585	0816-01-0132	0-1	QBT 3	Arsenic	1.5	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Barium	68.9	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Beryllium	0.47	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Calcium	500	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chromium	2.1	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Copper	1.7	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Iron	7360	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Lead	3.2	-	mg/kg	J-
16-20585	0816-01-0132	0-1	QBT 3	Magnesium	564	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Manganese	112	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U

Table 0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20585	0816-01-0132	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Potassium	363	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Selenium	0.14	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Sodium	24.5	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Vanadium	6.1	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Zinc	28.4	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Acenaphthylene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Aluminum	8060	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Aniline	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Anthracene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Antimony	0.25	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Arsenic	2.3	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20547	0816-01-0133	0-1	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Barium	116	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Beryllium	0.72	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Cadmium	0.017	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Calcium	2380	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chromium	6.4	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chrysene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Cobalt	3.6	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Copper	3.9	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Diethylphthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20547	0816-01-0133	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Fluorene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachloroethane	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Iron	11100	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Isophorone	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Lead	8.4	-	mg/kg	J-
16-20547	0816-01-0133	0-1	ALLH	Magnesium	1550	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Manganese	382	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Mercury	0.024	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nickel	5.3	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20547	0816-01-0133	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Phenol	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Potassium	1040	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Pyrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	RDX	0.084	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Selenium	0.3	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Sodium	93.3	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Thallium	0.017	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Vanadium	13.4	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Zinc	31.7	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Aluminum	3270	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Antimony	0.3	-	mg/kg	J-
16-20476	0816-01-0134	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Barium	44.8	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20476	0816-01-0134	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Calcium	1450	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chromium	4.8	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Copper	2.2	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20476	0816-01-0134	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	HMX	0.15	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Iron	9820	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Lead	3.5	-	mg/kg	J-
16-20476	0816-01-0134	0-1	QBT 4	Magnesium	767	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Manganese	245	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nickel	3.2	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Potassium	469	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20476	0816-01-0134	0-1	QBT 4	RDX	0.14	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Selenium	0.22	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Silver	0.51	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Sodium	105	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Zinc	29.3	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Acenaphthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Acenaphthylene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Aluminum	7640	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Aniline	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Anthracene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Antimony	0.24	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Arsenic	2.2	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Azobenzene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Barium	120	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Beryllium	0.67	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Cadmium	0.016	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20619	0816-01-0135	0-1	ALLH	Calcium	2650	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chromium	6.3	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Chrysene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Cobalt	4	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Copper	4.5	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dibenzofuran	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Diethylphthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Fluoranthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Fluorene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachlorobenzene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachloroethane	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20619	0816-01-0135	0-1	ALLH	Iron	10700	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Isophorone	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Lead	8.3	-	mg/kg	J-
16-20619	0816-01-0135	0-1	ALLH	Magnesium	1430	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Manganese	374	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Mercury	0.021	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Methylphenol[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Methylphenol[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Naphthalene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nickel	5	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrobenzene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Phenanthrene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Phenol	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Potassium	1270	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Pyrene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	RDX	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Selenium	0.3	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Silver	0.48	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Sodium	79.9	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Thallium	0.16	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20619	0816-01-0135	0-1	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Vanadium	13.9	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Zinc	28.8	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Aluminum	4440	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Antimony	0.27	-	mg/kg	UJ
16-20270	0816-01-0136	0-1	QBT 4	Arsenic	3.4	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Barium	376	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Beryllium	0.68	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Calcium	901	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chromium	3.1	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0136	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Cobalt	1.8	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	HMX	0.61	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Iron	8800	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Lead	4.7	-	mg/kg	J-
16-20270	0816-01-0136	0-1	QBT 4	Magnesium	721	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Manganese	177	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0136	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nickel	2.8	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Oxybis(1-chloropropane){2,2'-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Potassium	458	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	RDX	0.49	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Selenium	0.24	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Sodium	213	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Vanadium	6.4	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Zinc	23.9	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Aluminum	2510	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0137	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Antimony	0.27	-	mg/kg	UJ
16-20270	0816-01-0137	0-1	QBT 4	Arsenic	3.3	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Barium	216	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Beryllium	0.56	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Calcium	736	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chromium	1.7	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Copper	2.3	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	HMX	0.25	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Iron	8370	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Lead	4.4	-	mg/kg	J-
16-20270	0816-01-0137	0-1	QBT 4	Magnesium	537	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Manganese	167	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nickel	2.4	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0137	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Potassium	478	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	RDX	0.3	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Sodium	240	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Vanadium	5.5	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Zinc	25.6	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Aluminum	1710	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Antimony	0.28	-	mg/kg	UJ
16-20270	0816-01-0138	2-3	QBT 4	Arsenic	3.1	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Barium	71.1	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0138	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Beryllium	0.63	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Cadmium	0.094	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Calcium	832	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chromium	2	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Cobalt	1.4	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Copper	2.7	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0138	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	UJ
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	HMX	0.2	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Iron	7000	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Lead	4	-	mg/kg	J-
16-20270	0816-01-0138	2-3	QBT 4	Magnesium	389	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Manganese	172	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nickel	2.5	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0138	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Potassium	291	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	RDX	0.16	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Selenium	0.21	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Silver	0.56	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Sodium	221	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Vanadium	3.6	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Zinc	22.5	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Aluminum	2060	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Antimony	0.27	-	mg/kg	UJ
16-20270	0816-01-0139	2-3	QBT 4	Arsenic	3.8	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Barium	93	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Beryllium	0.78	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0139	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Calcium	846	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chromium	2.8	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Cobalt	1.9	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Copper	5.2	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	UJ
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0139	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	HMX	0.23	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Iron	9300	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Lead	5.6	-	mg/kg	J-
16-20270	0816-01-0139	2-3	QBT 4	Magnesium	541	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Manganese	333	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Mercury	21	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Potassium	323	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	RDX	0.17	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Selenium	0.16	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0139	2-3	QBT 4	Silver	0.56	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Sodium	242	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Vanadium	4.5	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Zinc	27.7	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Aluminum	2030	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Antimony	0.26	-	mg/kg	UJ
16-20271T	0816-01-0140	0-1	QBT 4	Arsenic	2.2	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Barium	274	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Beryllium	0.54	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Cadmium	0.091	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Calcium	817	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271T	0816-01-0140	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chromium	1.9	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Copper	1.4	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	HMX	0.19	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Iron	8330	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271T	0816-01-0140	0-1	QBT 4	Lead	3.1	-	mg/kg	J-
16-20271T	0816-01-0140	0-1	QBT 4	Magnesium	516	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Manganese	243	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nickel	2	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Potassium	273	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Selenium	0.25	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Silver	0.53	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Sodium	214	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271T	0816-01-0140	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Vanadium	4.7	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Zinc	20.5	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Aluminum	3550	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Antimony	0.29	-	mg/kg	J-
16-20560	0816-01-0141	0-1	QBT 3	Arsenic	3.9	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Barium	571	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Beryllium	2.2	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Calcium	810	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chromium	1.7	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Cobalt	2.7	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0141	0-1	QBT 3	Copper	4.9	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	HMX	0.4	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Iron	12600	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Lead	3	-	mg/kg	J-
16-20560	0816-01-0141	0-1	QBT 3	Magnesium	674	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Manganese	573	-	mg/kg	J
16-20560	0816-01-0141	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0141	0-1	QBT 3	Nickel	5.4	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Potassium	262	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	RDX	1.8	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Selenium	0.26	-	mg/kg	J
16-20560	0816-01-0141	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Sodium	76	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Vanadium	9	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Zinc	39.6	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Aluminum	1720	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0142	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20560	0816-01-0142	2-3	QBT 3	Arsenic	1.9	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Barium	15.3	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Beryllium	0.88	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Cadmium	0.016	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Calcium	671	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chromium	1.5	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Cobalt	1.4	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Copper	2.4	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0142	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	HMX	0.21	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Iron	8790	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Lead	2.4	-	mg/kg	J-
16-20560	0816-01-0142	2-3	QBT 3	Magnesium	511	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Manganese	321	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nickel	1.8	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0142	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Potassium	253	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	RDX	0.78	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Selenium	0.21	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Sodium	124	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Vanadium	3.8	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Zinc	33.5	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aluminum	1570	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0143	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Barium	8.6	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromide	0.0328	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Calcium	395	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Chloride	7.73	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chromium	0.48	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Copper	1.7	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoride	1.57	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Iron	7010	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Lead	2.4	-	mg/kg	J-
16-20554	0816-01-0143	0-1	QBT 4	Magnesium	173	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Manganese	286	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nickel	0.91	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxalate	0.312	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Perchlorate	0.0157	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Potassium	253	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	RDX	0.24	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Sulfate	81.6	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Vanadium	2.7	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Zinc	31.9	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Aluminum	1900	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Aniline	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Barium	11.2	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Beryllium	0.62	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Bromide	0.033	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Calcium	461	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Chloride	5.75	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Chromium	0.51	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chrysene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Fluorene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Fluoride	2.73	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Iron	7390	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Isophorone	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Lead	2.9	-	mg/kg	J-
16-20554	0816-01-0144	0-1	QBT 4	Magnesium	202	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Manganese	270	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nickel	1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Oxalate	3.68	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Perchlorate	0.0158	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Potassium	254	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	RDX	0.42	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Sulfate	46.7	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Vanadium	3.4	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Zinc	32.9	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Aluminum	1100	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Barium	7.8	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Beryllium	0.51	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Cadmium	0.019	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Calcium	379	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Chloride	8	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chromium	0.32	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Copper	1.9	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Fluoride	0.717	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Iron	7140	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Lead	2.6	-	mg/kg	J-
16-20554	0816-01-0145	2-3	QBT 3	Magnesium	126	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Manganese	256	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	RDX	0.093	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Sodium	136	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Sulfate	157	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Vanadium	2.8	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Zinc	34.4	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Aluminum	1290	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0146	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Barium	10.3	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Beryllium	0.49	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Calcium	427	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Chloride	9.29	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chromium	0.41	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Copper	1.8	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluoride	0.833	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Iron	7190	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Lead	3.5	-	mg/kg	J-
16-20554	0816-01-0146	2-3	QBT 3	Magnesium	149	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Manganese	339	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nickel	0.93	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	RDX	0.097	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Sodium	139	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Sulfate	161	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Vanadium	3	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Zinc	35.2	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Aluminum	2630	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Anthracene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Antimony	0.29	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Barium	1040	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Beryllium	0.35	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0147	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Cadmium	0.02	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Calcium	1650	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Chromium	1.9	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Chrysene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Copper	4.3	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Fluorene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0147	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	HMX	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Iron	6610	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Isophorone	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Lead	3.7	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Magnesium	578	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Manganese	126	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nickel	2.5	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Potassium	620	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Pyrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Selenium	0.17	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Sodium	170	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0147	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Thallium	0.2	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Vanadium	4.6	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Zinc	14.1	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Aluminum	2290	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Aniline	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Anthracene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Antimony	0.3	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Barium	1160	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzoic Acid	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Beryllium	0.43	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Cadmium	0.02	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Calcium	781	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0148	2-3	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chromium	2.1	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Chromium hexavalent ion	0.54	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chrysene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Copper	5.2	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dibenzofuran	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrobenzene[1,3-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrophenol[2,4-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachlorocyclopentadiene	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	HMX	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Iron	6790	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Lead	2.7	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Magnesium	494	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0148	2-3	QBT 4	Manganese	135	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Naphthalene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nickel	2.9	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Nitroaniline[2-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitroaniline[3-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitroaniline[4-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrophenol[4-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrotoluene[2-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrotoluene[3-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrotoluene[4-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Pentachlorophenol	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Phenol	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Potassium	470	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Pyrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	RDX	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Selenium	0.21	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Silver	0.61	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Sodium	207	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Tetryl	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Thallium	0.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Vanadium	3.9	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0148	2-3	QBT 4	Zinc	15.5	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Aluminum	5810	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Arsenic	2	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Barium	35.6	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Beryllium	3.1	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Calcium	1410	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chromium	4.5	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Copper	5.6	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0149	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Iron	11000	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Lead	2.7	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Magnesium	1150	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Manganese	349	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0149	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Potassium	542	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Sodium	199	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Zinc	42.6	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Aluminum	3090	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0150	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Barium	20.7	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Calcium	1260	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chromium	3.8	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0150	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Iron	10200	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Lead	1.7	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Magnesium	722	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Manganese	285	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nickel	2.2	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0150	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Potassium	333	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Selenium	0.17	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Sodium	208	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Vanadium	7.6	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Zinc	39.2	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Aluminum	4830	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Aniline	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Anthracene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Barium	445	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0151	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Bromide	0.038	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Calcium	1380	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Chloride	9.78	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Chromium	3.3	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Chrysene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Copper	3.2	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Fluorene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Fluoride	2.39	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	HMX	0.33	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Iron	10500	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Isophorone	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Lead	2.3	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Magnesium	860	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Manganese	432	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nickel	4.3	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Oxalate	0.361	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0151	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Perchlorate	0.036	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Potassium	324	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Pyrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	RDX	0.44	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Selenium	0.3	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Sodium	103	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Sulfate	4.69	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Vanadium	8	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Zinc	39.7	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Aluminum	3460	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Antimony	0.27	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Arsenic	1.9	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Barium	50.3	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0152	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bromide	0.0378	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Calcium	1200	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Chloride	4.38	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chromium	6	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Cobalt	3.2	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Copper	2.9	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Fluoride	1.66	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	HMX	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Iron	13300	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Lead	3.9	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Magnesium	1690	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Manganese	537	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nickel	4.5	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Oxalate	0.359	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0152	2-3	QBT 4	Perchlorate	0.00904	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Potassium	1060	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Selenium	0.15	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Silver	0.56	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Sodium	251	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Sulfate	1.98	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Vanadium	14.1	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Zinc	85.1	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Aluminum	2360	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Barium	112	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Beryllium	0.47	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20487	0816-01-0154	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Calcium	1220	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chromium	5.8	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Copper	2.2	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20487	0816-01-0154	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	HMX	0.33	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Iron	10000	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Lead	2.9	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Magnesium	697	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Manganese	327	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Potassium	538	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Selenium	0.2	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20487	0816-01-0154	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Sodium	183	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Vanadium	7.6	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Zinc	46.8	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Aluminum	4280	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Arsenic	2.1	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Barium	22.8	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Beryllium	2.4	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Calcium	1400	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20482	0816-01-0155	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chromium	3.3	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Copper	5.9	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Iron	11100	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20482	0816-01-0155	0-1	QBT 4	Lead	2.7	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Magnesium	812	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Manganese	340	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Potassium	507	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Sodium	146	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20482	0816-01-0155	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Zinc	41.4	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Aluminum	2180	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Aniline	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Anthracene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Antimony	0.23	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Barium	12.6	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Calcium	939	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Chromium	2.4	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Chrysene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20483	0816-01-0156	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Fluorene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Iron	8280	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Isophorone	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Lead	2.1	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Magnesium	523	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Manganese	227	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20483	0816-01-0156	0-1	QBT 4	Nickel	2.3	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrosodimethylamine[N-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Potassium	266	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Pyrene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Selenium	0.14	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Silver	0.47	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Sodium	91.9	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Vanadium	5.5	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Zinc	38	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Aluminum	2640	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20488	0816-01-0157	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Barium	544	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Beryllium	0.58	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Calcium	1130	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chromium	3.1	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Copper	3.3	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20488	0816-01-0157	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Iron	9290	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Lead	12.4	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Magnesium	639	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Manganese	259	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20488	0816-01-0157	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Potassium	309	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	RDX	2.3	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Selenium	0.22	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Sodium	188	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Vanadium	6.2	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Zinc	42.7	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Aluminum	4640	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Antimony	0.44	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Arsenic	2.3	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Barium	29.5	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20519	0816-01-0158	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20519	0816-01-0158	0-1	QBT 4	Beryllium	2	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Cadmium	0.018	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Calcium	1440	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chromium	4.5	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Copper	4.3	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Iron	13100	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Lead	1.9	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Magnesium	1180	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Manganese	344	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nickel	3.9	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20519	0816-01-0158	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20519	0816-01-0158	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Potassium	989	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	RDX	0.054	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Selenium	0.2	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Sodium	266	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Vanadium	10.8	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Zinc	65.1	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Aluminum	3700	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.094	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.071	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Antimony	0.39	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Barium	587	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	UJ
16-20524	0816-01-0159	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20524	0816-01-0159	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Calcium	1160	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chromium	4.7	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Copper	4.8	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20524	0816-01-0159	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	HMX	0.49	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Iron	11900	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Lead	2.5	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Magnesium	765	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Manganese	396	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Mercury	0.038	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nickel	4.2	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20524	0816-01-0159	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Potassium	526	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	RDX	0.61	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Selenium	0.22	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Sodium	319	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20524	0816-01-0159	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Zinc	49.8	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Aluminum	2850	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Antimony	0.28	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Arsenic	2.3	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Barium	1480	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20522	0816-01-0160	0-1	QBT 4	Beryllium	0.76	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Calcium	1160	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20522	0816-01-0160	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chromium	3.8	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Copper	3.9	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	HMX	0.98	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Iron	10900	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Lead	2.5	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Magnesium	611	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20522	0816-01-0160	0-1	QBT 4	Manganese	332	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nickel	3.9	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20522	0816-01-0160	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Potassium	602	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	RDX	6.2	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Sodium	373	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Thallium	0.018	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.052	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Vanadium	7.6	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20522	0816-01-0160	0-1	QBT 4	Zinc	44.8	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Acenaphthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Acenaphthylene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Aluminum	8800	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.42	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Aniline	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Anthracene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Antimony	0.46	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Arsenic	2.9	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Azobenzene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Barium	1730	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzoic Acid	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzyl Alcohol	0.42	-	mg/kg	UJ
16-20387	0816-01-0161	0-1	ALLH	Beryllium	0.68	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Cadmium	0.016	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Calcium	1830	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chromium	6.6	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chrysene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Cobalt	4.2	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Copper	20.7	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Dibenz(a,h)anthracene	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20387	0816-01-0161	0-1	ALLH	Dibenzofuran	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Diethylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Fluoranthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Fluorene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachlorobenzene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachloroethane	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	HMX	10	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Iron	11500	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Isophorone	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Lead	18.5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Magnesium	1300	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Manganese	229	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Mercury	0.036	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Methylphenol[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Methylphenol[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Naphthalene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nickel	5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Nitroaniline[2-]	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20387	0816-01-0161	0-1	ALLH	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20387	0816-01-0161	0-1	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrobenzene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Phenanthrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Phenol	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Potassium	1020	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Pyrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	RDX	2.2	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Selenium	0.23	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Silver	1.5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Sodium	204	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Thallium	0.016	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Vanadium	13.5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Zinc	56.5	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Aluminum	12200	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Anthracene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0162	0-1	Fill	Antimony	0.43	-	mg/kg	J-
16-20346	0816-01-0162	0-1	Fill	Arsenic	4.8	-	mg/kg	J-
16-20346	0816-01-0162	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Barium	170	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Beryllium	1.1	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Calcium	1880	-	mg/kg	
16-20346	0816-01-0162	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chromium	7.4	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Cobalt	10.3	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Copper	7.8	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0162	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Iron	18800	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Lead	13.2	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Magnesium	1480	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Manganese	633	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Mercury	0.019	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nickel	6.5	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0162	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Potassium	1220	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Selenium	0.26	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Sodium	113	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Thallium	0.47	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Vanadium	28.3	-	mg/kg	J-
16-20346	0816-01-0162	0-1	Fill	Zinc	28.3	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Aluminum	10200	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Aniline	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Anthracene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Antimony	0.65	-	mg/kg	J-
16-20346	0816-01-0163	3.5-4.5	Fill	Arsenic	2.7	-	mg/kg	J-
16-20346	0816-01-0163	3.5-4.5	Fill	Azobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Barium	202	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(a)anthracene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Beryllium	0.7	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Butylbenzylphthalate	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Cadmium	0.017	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Calcium	24000	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chromium	8.3	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chrysene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Cobalt	4.7	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Copper	11.3	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,6-]	0.15	-	mg/kg	J+

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Di-n-octylphthalate	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Fluorene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	HMX	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Iron	10400	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Isophorone	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Lead	13.8	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Magnesium	1770	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Manganese	307	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Mercury	0.022	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Naphthalene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nickel	7.2	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Phenol	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0163	3.5-4.5	Fill	Potassium	1500	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Pyrene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	RDX	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Selenium	0.14	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Silver	0.73	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Sodium	202	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Tetryl	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Thallium	0.17	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Vanadium	20	-	mg/kg	J-
16-20346	0816-01-0163	3.5-4.5	Fill	Zinc	47.8	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Aluminum	9870	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.063	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.7	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Antimony	0.38	-	mg/kg	J-
16-20376	0816-01-0164	0-1	Fill	Arsenic	3	-	mg/kg	J-
16-20376	0816-01-0164	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Barium	513	-	mg/kg	J+
16-20376	0816-01-0164	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Beryllium	0.78	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0164	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Cadmium	0.016	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Calcium	3650	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chromium	6.4	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chrysene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Cobalt	4.3	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Copper	8.7	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitrobenzene[1,3-]	0.11	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	J+
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0164	0-1	Fill	HMX	2	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Iron	11400	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Lead	13.9	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Magnesium	1520	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Manganese	293	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Mercury	0.023	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Methylnaphthalene[2-]	0.04	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nickel	5.5	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrotoluene[3-]	0.14	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Nitrotoluene[4-]	0.14	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Potassium	1330	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Pyrene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	RDX	2.1	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Selenium	0.32	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Silver	0.49	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Sodium	163	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Tetryl	0.12	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Thallium	0.16	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0164	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Vanadium	15.3	-	mg/kg	J-
16-20376	0816-01-0164	0-1	Fill	Zinc	40.2	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Aluminum	3480	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Arsenic	2.2	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Barium	285	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20523	0816-01-0165	0-1	QBT 4	Beryllium	0.63	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Calcium	1170	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20523	0816-01-0165	0-1	QBT 4	Chromium	4	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Copper	3.9	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	HMX	0.33	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Iron	12000	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Lead	5.7	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Magnesium	660	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Manganese	364	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Mercury	0.021	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20523	0816-01-0165	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20523	0816-01-0165	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Potassium	669	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	RDX	1.4	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Sodium	334	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Vanadium	8.7	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Zinc	50.3	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Acenaphthene	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0166	0-1	Fill	Acenaphthylene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Aluminum	9680	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.096	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.46	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Aniline	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Anthracene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Antimony	0.25	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Arsenic	2.8	-	mg/kg	J-
16-20376	0816-01-0166	0-1	Fill	Azobenzene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Barium	415	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Benzyl Alcohol	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Beryllium	0.78	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Calcium	2840	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chromium	6.4	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chrysene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Cobalt	4.1	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Copper	7.3	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Dibenzofuran	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Diethylphthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitrobenzene[1,3-]	0.17	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,6-]	0.45	-	mg/kg	J+
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Fluoranthene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Fluorene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachlorobenzene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachloroethane	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	HMX	2	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Iron	11700	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Isophorone	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Lead	11.8	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Magnesium	1530	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Manganese	342	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Mercury	0.02	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Naphthalene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nickel	5.7	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0166	0-1	Fill	Nitrobenzene	0.055	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Nitrobenzene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Phenanthrene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Phenol	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Potassium	1280	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Pyrene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	RDX	2.3	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Selenium	0.27	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Sodium	159	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Vanadium	14.8	-	mg/kg	J+
16-20376	0816-01-0166	0-1	Fill	Zinc	39.3	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Aluminum	9760	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.066	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Antimony	0.41	-	mg/kg	J-
16-20239	0816-01-0168	0-1	Fill	Arsenic	2.1	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0168	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Barium	170	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Beryllium	0.73	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Calcium	2060	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chromium	5.7	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Cobalt	3.1	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Copper	5.8	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0168	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	HMX	1.1	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Iron	9770	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Lead	7.7	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Magnesium	1390	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Manganese	187	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Mercury	0.02	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nickel	5.4	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0168	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Potassium	1020	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	RDX	0.86	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Selenium	0.14	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Silver	0.53	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Sodium	128	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Tetryl	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Thallium	0.28	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trinitrotoluene[2,4,6-]	0.14	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Vanadium	13	-	mg/kg	J-
16-20239	0816-01-0168	0-1	Fill	Zinc	23	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Aluminum	18100	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Antimony	0.45	-	mg/kg	J-
16-20239	0816-01-0169	0-1	Fill	Arsenic	3.8	-	mg/kg	J-
16-20239	0816-01-0169	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Barium	163	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0169	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Beryllium	1.2	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Calcium	3840	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chromium	11.3	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Cobalt	5.8	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Copper	8.3	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U

Analytical Results of Al oil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0169	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Iron	16800	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Lead	12.8	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Magnesium	2420	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Manganese	279	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Mercury	0.022	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nickel	9	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Potassium	1450	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Pyrene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0169	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Selenium	0.34	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Silver	0.54	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Sodium	159	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Thallium	0.18	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Vanadium	26.7	-	mg/kg	J-
16-20239	0816-01-0169	0-1	Fill	Zinc	33.6	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Aluminum	11800	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.81	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Aniline	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Anthracene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Antimony	0.42	-	mg/kg	J-
16-20337	0816-01-0170	0-1	QBT 4	Arsenic	4.9	-	mg/kg	J-
16-20337	0816-01-0170	0-1	QBT 4	Azobenzene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Barium	131	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzoic Acid	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Beryllium	1	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0170	0-1	QBT 4	Calcium	2970	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chromium	8.5	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Cobalt	5.9	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Copper	3.9	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrobenzene[1,3-]	0.044	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	J+
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachloroethane	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	HMX	0.92	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0170	0-1	QBT 4	Iron	16300	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Lead	16.9	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Magnesium	1900	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Manganese	451	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nickel	6.3	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrosodiethylamine[N-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrotoluene[4-]	0.11	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Phenol	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Potassium	1950	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	RDX	0.1	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Selenium	0.39	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Sodium	230	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Tetryl	0.093	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0170	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.17	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Vanadium	24.7	-	mg/kg	J-
16-20337	0816-01-0170	0-1	QBT 4	Zinc	38.8	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Aluminum	13500	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.048	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Aniline	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Antimony	0.37	-	mg/kg	J-
16-20337	0816-01-0171	4-5	QBT 4	Arsenic	3.6	-	mg/kg	J-
16-20337	0816-01-0171	4-5	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Barium	413	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Beryllium	0.91	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Cadmium	0.015	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Calcium	3760	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chromium	10.4	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0171	4-5	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Cobalt	7.2	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Copper	9	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	HMX	1.6	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Iron	14400	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Lead	22.9	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Magnesium	2200	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Manganese	266	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Mercury	0.026	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0171	4-5	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nickel	7.3	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Phenol	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Potassium	1370	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	RDX	1.3	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Selenium	0.26	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Silver	0.46	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Sodium	171	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Thallium	0.15	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Vanadium	23.2	-	mg/kg	J-
16-20337	0816-01-0171	4-5	QBT 4	Zinc	34.3	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Aluminum	28100	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0172	5-6	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.055	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.054	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Aniline	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Antimony	0.34	-	mg/kg	J-
16-20337	0816-01-0172	5-6	QBT 4	Arsenic	5.3	-	mg/kg	J-
16-20337	0816-01-0172	5-6	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Barium	155	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Calcium	5870	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chromium	18.7	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Cobalt	5.4	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Copper	10.8	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	HMX	1.2	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Iron	16100	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Lead	13.7	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Magnesium	4530	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Manganese	154	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Mercury	0.049	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nickel	13.2	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrobenzene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0172	5-6	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Phenol	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Potassium	1900	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	RDX	1.3	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Selenium	0.44	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Silver	0.49	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Sodium	326	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Thallium	0.16	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trinitrotoluene[2,4,6-]	0.043	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Vanadium	36.7	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Zinc	42.7	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Acenaphthene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Acenaphthylene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Aluminum	12600	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.19	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Aniline	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Anthracene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Antimony	0.35	-	mg/kg	J-
16-20340	0816-01-0174	0-1	Fill	Arsenic	3.3	-	mg/kg	J-
16-20340	0816-01-0174	0-1	Fill	Azobenzene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Barium	223	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0174	0-1	Fill	Benzo(a)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(a)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzoic Acid	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Benzyl Alcohol	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Beryllium	0.91	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Calcium	2350	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chromium	8.3	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chrysene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Cobalt	4.3	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Copper	6.5	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Dibenzofuran	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Diethylphthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrobenzene[1,3-]	0.078	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0174	0-1	Fill	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Di-n-octylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Fluoranthene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Fluorene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachlorobenzene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachloroethane	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	HMX	0.86	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Iron	13900	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Isophorone	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Lead	10.5	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Magnesium	1850	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Manganese	247	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Naphthalene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nickel	6.7	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Nitroaniline[2-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitroaniline[3-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitroaniline[4-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrobenzene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrophenol[4-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0174	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Pentachlorophenol	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Phenanthrene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Phenol	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Potassium	1350	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Pyrene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	RDX	0.37	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Selenium	0.19	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Sodium	165	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Tetryl	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Vanadium	19.1	-	mg/kg	J-
16-20340	0816-01-0174	0-1	Fill	Zinc	33.9	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Acenaphthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Acenaphthylene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Aluminum	12400	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Aniline	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Antimony	0.36	-	mg/kg	J-
16-20340	0816-01-0175	0-1	Fill	Arsenic	2.9	-	mg/kg	J-
16-20340	0816-01-0175	0-1	Fill	Azobenzene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Barium	243	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Benzo(a)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(a)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Beryllium	0.91	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0175	0-1	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Butylbenzylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Calcium	2470	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Chromium	7.8	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Chrysene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Cobalt	4.3	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Copper	7	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dibenzofuran	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Diethylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dimethyl Phthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Di-n-butylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrobenzene[1,3-]	0.067	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Di-n-octylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Fluorene	0.4	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0175	0-1	Fill	Hexachlorobenzene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Hexachlorobutadiene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Hexachloroethane	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	HMX	0.54	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Iron	12600	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Isophorone	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Lead	9.8	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Magnesium	1790	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Manganese	253	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Mercury	0.023	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Naphthalene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nickel	6.6	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrobenzene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrosodiethylamine[N-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Phenanthrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Phenol	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Potassium	1260	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	RDX	0.39	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Selenium	0.29	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0175	0-1	Fill	Silver	5.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Sodium	156	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Tetryl	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Thallium	0.18	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Vanadium	17.4	-	mg/kg	J-
16-20340	0816-01-0175	0-1	Fill	Zinc	29	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Acenaphthene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Acenaphthylene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Aluminum	10200	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.071	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Aniline	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Anthracene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Antimony	0.61	-	mg/kg	J-
16-20340	0816-01-0176	2-3	Fill	Arsenic	2.5	-	mg/kg	J-
16-20340	0816-01-0176	2-3	Fill	Azobenzene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Barium	1060	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Benzyl Alcohol	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Beryllium	0.77	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Cadmium	0.018	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Calcium	2520	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0176	2-3	Fill	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chromium	6.9	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chrysene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Cobalt	4	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Copper	21.8	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Dibenzofuran	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Diethylphthalate	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrobenzene[1,3-]	0.046	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Fluoranthene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Fluorene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachlorobenzene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachloroethane	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	HMX	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Iron	10600	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Isophorone	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0176	2-3	Fill	Lead	23.8	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Magnesium	1460	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Manganese	187	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Mercury	0.031	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Naphthalene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nickel	5.4	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrobenzene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Phenanthrene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Phenol	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Potassium	1070	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Pyrene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	RDX	0.094	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Selenium	0.2	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Silver	0.54	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Sodium	134	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Tetryl	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Thallium	0.18	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0176	2-3	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Vanadium	14.5	-	mg/kg	J-
16-20340	0816-01-0176	2-3	Fill	Zinc	42.2	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Aluminum	15200	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Aniline	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Antimony	0.4	-	mg/kg	J-
16-20375	0816-01-0177	5-6	QBT 4	Arsenic	3.3	-	mg/kg	J-
16-20375	0816-01-0177	5-6	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Barium	280	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Calcium	4710	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chromium	10.1	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Cobalt	4.1	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0177	5-6	QBT 4	Copper	8	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	HMX	0.26	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Iron	15300	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Lead	9.3	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Magnesium	2710	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Manganese	103	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Mercury	0.045	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Naphthalene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0177	5-6	QBT 4	Nickel	8.8	-	mg/kg	
16-20375	0816-01-0177	5-6	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Phenol	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Potassium	1440	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	RDX	0.43	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Selenium	0.28	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Silver	0.53	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Sodium	231	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Thallium	0.18	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Vanadium	20.9	-	mg/kg	J-
16-20375	0816-01-0177	5-6	QBT 4	Zinc	25.5	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Aluminum	11000	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0178	7-8	QBT 4	Aniline	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Antimony	0.35	-	mg/kg	J-
16-20375	0816-01-0178	7-8	QBT 4	Arsenic	3.5	-	mg/kg	J-
16-20375	0816-01-0178	7-8	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Barium	94.3	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Beryllium	0.87	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Calcium	3040	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chromium	7.3	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Cobalt	4.7	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Copper	4.4	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U

Table -2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0178	7-8	QBT 4	Diethyiphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	HMX	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Iron	13100	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Lead	10	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Magnesium	1810	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Manganese	330	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Mercury	0.019	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Methylnaphthalene[2-]	0.058	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nickel	5.8	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0178	7-8	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Phenol	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Potassium	1630	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	RDX	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Selenium	0.28	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Silver	0.5	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Sodium	247	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Thallium	0.17	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Vanadium	17.7	-	mg/kg	J-
16-20375	0816-01-0178	7-8	QBT 4	Zinc	34.5	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Acenaphthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Acenaphthylene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Aluminum	2160	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Aniline	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Anthracene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Antimony	0.3	-	mg/kg	J-
16-20375	0816-01-0179	9-10	QBT 4	Arsenic	2.1	-	mg/kg	J-
16-20375	0816-01-0179	9-10	QBT 4	Azobenzene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Barium	30.6	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzo(a)pyrene	0.33	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0179	9-10	QBT 4	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzoic Acid	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzyl Alcohol	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Beryllium	0.56	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Calcium	1270	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chromium	3.1	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chrysene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Cobalt	1.9	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Copper	1.9	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dibenzofuran	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Diethylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Fluoranthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Fluorene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachlorobenzene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachloroethane	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	HMX	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Iron	9820	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Isophorone	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Lead	2.4	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Magnesium	742	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Manganese	242	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Mercury	0.017	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Methylphenol[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Methylphenol[4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Naphthalene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nickel	6.5	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrosodiethylamine[N-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0179	9-10	QBT 4	Phenanthrene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Phenol	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Potassium	640	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Pyrene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	RDX	0.14	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Selenium	0.26	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Silver	0.47	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Sodium	260	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Thallium	0.16	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Vanadium	6.5	-	mg/kg	J-
16-20375	0816-01-0179	9-10	QBT 4	Zinc	28.3	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Aluminum	7620	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Antimony	0.42	-	mg/kg	J-
16-20342	0816-01-0180	0-1	Fill	Arsenic	4.3	-	mg/kg	J-
16-20342	0816-01-0180	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Barium	983	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Beryllium	0.77	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0180	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Cadmium	0.015	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Calcium	1850	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chromium	6.7	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Cobalt	5.2	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Copper	10.1	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0180	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	HMX	4.6	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Iron	12900	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Lead	15.7	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Magnesium	1280	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Manganese	357	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Mercury	0.032	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nickel	4.9	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Potassium	897	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	RDX	5.9	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Selenium	0.28	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Silver	0.45	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Sodium	147	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0180	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Thallium	0.15	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Vanadium	23.7	-	mg/kg	J-
16-20342	0816-01-0180	0-1	Fill	Zinc	34.6	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Aluminum	9470	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Antimony	0.38	-	mg/kg	J-
16-20342	0816-01-0181	0-1	Fill	Arsenic	3.8	-	mg/kg	J-
16-20342	0816-01-0181	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Barium	358	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Beryllium	0.92	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Calcium	2420	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U

Table 0-2
Analytical Results of Al Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0181	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chromium	7.5	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Cobalt	8.2	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Copper	6.8	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	HMX	6.1	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Iron	11700	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Lead	12.4	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Magnesium	1670	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0181	0-1	Fill	Manganese	454	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Mercury	0.043	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nickel	7.2	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Potassium	1060	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	RDX	6.6	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Selenium	0.27	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Silver	0.51	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Sodium	187	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Vanadium	23.4	-	mg/kg	J-

Table D-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0181	0-1	Fill	Zinc	21.2	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Aluminum	4880	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Aniline	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Antimony	0.24	-	mg/kg	UJ
16-20342	0816-01-0182	2-3	Fill	Arsenic	2.6	-	mg/kg	J-
16-20342	0816-01-0182	2-3	Fill	Azobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Barium	79.1	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Beryllium	0.58	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Cadmium	0.017	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Calcium	1410	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chromium	3.6	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chrysene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Cobalt	1.9	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Copper	1.9	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0182	2-3	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Fluorene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	HMX	0.42	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Iron	8870	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Isophorone	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Lead	5	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Magnesium	856	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Manganese	211	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Mercury	0.018	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Naphthalene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nickel	2.8	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0182	2-3	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Phenol	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Potassium	752	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	RDX	0.53	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Selenium	0.2	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Silver	0.49	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Sodium	239	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Tetryl	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Thallium	0.17	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Vanadium	8	-	mg/kg	J-
16-20342	0816-01-0182	2-3	Fill	Zinc	22.9	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Aluminum	4900	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Aniline	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Anthracene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0183	2-3	Fill	Antimony	0.32	-	mg/kg	J-
16-20342	0816-01-0183	2-3	Fill	Arsenic	2.5	-	mg/kg	J-
16-20342	0816-01-0183	2-3	Fill	Azobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Barium	105	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Beryllium	0.64	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Cadmium	0.017	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Calcium	1500	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chromium	5.2	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chrysene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Cobalt	2.1	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Copper	3.1	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0183	2-3	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Fluorene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	HMX	0.74	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Iron	9010	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Isophorone	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Lead	5	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Magnesium	983	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Manganese	219	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Mercury	0.019	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Naphthalene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nickel	3.2	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0183	2-3	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Phenol	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Potassium	745	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	RDX	0.81	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Selenium	0.21	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Silver	0.52	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Sodium	232	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Tetryl	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Thallium	0.17	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Vanadium	8.2	-	mg/kg	J-
16-20342	0816-01-0183	2-3	Fill	Zinc	24.8	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Aluminum	10900	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Antimony	0.34	-	mg/kg	J-
16-20344	0816-01-0184	0-1	Fill	Arsenic	4.7	-	mg/kg	J-
16-20344	0816-01-0184	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Barium	279	-	mg/kg	J+
16-20344	0816-01-0184	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0184	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Beryllium	0.93	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Calcium	3540	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chromium	9.2	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Cobalt	7.8	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Copper	6	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	HMX	0.58	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Iron	15200	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Lead	18.5	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Magnesium	1710	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Manganese	494	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Mercury	0.025	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nickel	6.8	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Phenol	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0184	0-1	Fill	Potassium	1070	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	RDX	0.72	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Selenium	0.23	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Sodium	141	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Thallium	0.31	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Vanadium	29.3	-	mg/kg	J-
16-20344	0816-01-0184	0-1	Fill	Zinc	29.5	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Acenaphthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Acenaphthylene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Aluminum	19800	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Aniline	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Anthracene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Antimony	0.3	-	mg/kg	J-
16-20344	0816-01-0185	3-4	Fill	Arsenic	4.3	-	mg/kg	J-
16-20344	0816-01-0185	3-4	Fill	Azobenzene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Barium	201	-	mg/kg	J+
16-20344	0816-01-0185	3-4	Fill	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzyl Alcohol	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Beryllium	1.2	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0185	3-4	Fill	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Cadmium	0.017	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Calcium	3900	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chromium	13.5	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chrysene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Cobalt	6.3	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Copper	8.2	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dibenzofuran	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Diethylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Fluoranthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Fluorene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachlorobenzene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachloroethane	0.4	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0185	3-4	Fill	HMX	0.62	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Iron	17700	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Isophorone	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Lead	11.8	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Magnesium	3110	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Manganese	220	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Mercury	0.025	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Naphthalene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nickel	10.5	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrobenzene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Phenanthrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Phenol	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Potassium	1390	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Pyrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	RDX	0.57	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Selenium	0.45	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Silver	0.5	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Sodium	131	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Tetryl	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Thallium	0.41	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0185	3-4	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Vanadium	29	-	mg/kg	J-
16-20344	0816-01-0185	3-4	Fill	Zinc	30.9	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Aluminum	9250	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Antimony	0.37	-	mg/kg	J-
16-20300	0816-01-0186	0-1	Fill	Arsenic	3.1	-	mg/kg	J-
16-20300	0816-01-0186	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Barium	120	-	mg/kg	J+
16-20300	0816-01-0186	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Beryllium	0.83	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Bromide	1.28	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Calcium	2030	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Chloride	15.5	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0186	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chromium	6.1	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Copper	4.1	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Fluoride	2.96	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Iron	11800	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Lead	8.3	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0186	0-1	Fill	Magnesium	1440	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Manganese	286	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Mercury	0.021	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nickel	5.2	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Oxalate	11.2	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Perchlorate	0.0164	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Potassium	1030	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	RDX	0.18	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Selenium	0.25	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Silver	0.55	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Sodium	155	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Sulfate	49	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Thallium	0.18	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0186	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Vanadium	17.1	-	mg/kg	J-
16-20300	0816-01-0186	0-1	Fill	Zinc	33.5	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Aluminum	6400	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.069	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Aniline	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Anthracene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Antimony	0.27	-	mg/kg	J-
16-20300	0816-01-0187	2-3	Fill	Arsenic	2.3	-	mg/kg	J-
16-20300	0816-01-0187	2-3	Fill	Azobenzene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Barium	398	-	mg/kg	J+
16-20300	0816-01-0187	2-3	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Beryllium	0.52	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.17	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Bromide	0.45	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Cadmium	0.017	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Calcium	1410	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Chloride	2.53	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0187	2-3	Fill	Chromium	4.5	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chrysene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Cobalt	3.6	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Copper	4.3	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Fluorene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Fluoride	1.49	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	HMX	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Iron	10100	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Isophorone	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Lead	17.7	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Magnesium	978	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Manganese	255	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0187	2-3	Fill	Mercury	0.019	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Naphthalene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nickel	3.7	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Oxalate	10.1	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Perchlorate	0.0163	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Phenol	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Potassium	1040	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Pyrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	RDX	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Selenium	0.26	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Silver	0.51	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Sodium	74.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Sulfate	12.3	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Tetryl	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Thallium	0.17	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0187	2-3	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Vanadium	10	-	mg/kg	J-
16-20300	0816-01-0187	2-3	Fill	Zinc	27	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Acenaphthene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Acenaphthylene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Aluminum	4580	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.044	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Aniline	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Anthracene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Antimony	0.25	-	mg/kg	UJ
16-20301	0816-01-0188	0-1	Fill	Arsenic	1.8	-	mg/kg	J-
16-20301	0816-01-0188	0-1	Fill	Azobenzene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Barium	205	-	mg/kg	J+
16-20301	0816-01-0188	0-1	Fill	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzyl Alcohol	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Beryllium	0.66	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Calcium	1180	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chromium	2.8	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chrysene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Cobalt	1.5	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20301	0816-01-0188	0-1	Fill	Copper	3.3	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dibenzofuran	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Diethylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Fluoranthene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Fluorene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachlorobenzene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachloroethane	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	HMX	0.55	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Iron	7570	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Isophorone	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Lead	5.7	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Magnesium	742	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Manganese	226	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Mercury	0.019	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Methylphenol[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Methylphenol[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Naphthalene	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20301	0816-01-0188	0-1	Fill	Nickel	2.3	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrobenzene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Phenanthrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Phenol	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Potassium	727	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Pyrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	RDX	2.2	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Selenium	0.15	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Silver	0.51	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Sodium	91.3	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Vanadium	5.9	-	mg/kg	J-
16-20301	0816-01-0188	0-1	Fill	Zinc	37.6	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Aluminum	5560	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20525	0816-01-0189	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Antimony	0.94	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Barium	1790	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Cadmium	0.14	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Calcium	1180	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20525	0816-01-0189	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chromium	4.7	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Cobalt	3.6	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Copper	3.8	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20525	0816-01-0189	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	HMX	0.61	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Iron	11700	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Lead	4.3	-	mg/kg	J+
16-20525	0816-01-0189	0-1	QBT 4	Magnesium	1030	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Manganese	307	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Mercury	0.035	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nickel	3.8	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20525	0816-01-0189	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20525	0816-01-0189	0-1	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Potassium	518	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	RDX	1.9	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Selenium	0.25	-	mg/kg	J-
16-20525	0816-01-0189	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Sodium	214	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Thallium	0.37	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Vanadium	9.5	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Zinc	53.4	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Aluminum	6330	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Arsenic	0.8	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Barium	84	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20528	0816-01-0190	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Calcium	931	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20528	0816-01-0190	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chromium	3.8	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Copper	3.4	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Lead	3.6	-	mg/kg	J+
16-20528	0816-01-0190	0-1	QBT 4	Magnesium	880	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Manganese	313	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nickel	4.6	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20528	0816-01-0190	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20528	0816-01-0190	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Potassium	549	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Selenium	0.5	-	mg/kg	J-
16-20528	0816-01-0190	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Sodium	326	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Thallium	0.06	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Vanadium	11.5	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Zinc	50.3	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Aluminum	2070	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Antimony	0.88	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Arsenic	1.2	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Barium	60.5	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Beryllium	0.44	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20527	0816-01-0191	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Cadmium	0.084	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Calcium	417	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20527	0816-01-0191	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chromium	0.94	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Cobalt	0.55	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Copper	1.4	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20527	0816-01-0191	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	HMX	0.39	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Lead	3.9	-	mg/kg	J+
16-20527	0816-01-0191	0-1	QBT 4	Magnesium	270	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Manganese	158	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nickel	1.5	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20527	0816-01-0191	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Potassium	262	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	RDX	1.2	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Selenium	0.22	-	mg/kg	UJ
16-20527	0816-01-0191	0-1	QBT 4	Silver	0.51	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Sodium	86.8	-	mg/kg	J

Analytical Results of Al' Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20527	0816-01-0191	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Thallium	0.018	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Vanadium	3.6	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Zinc	31.4	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Aluminum	4110	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.14	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.082	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Barium	1720	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Beryllium	1.7	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Cadmium	0.12	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Calcium	2130	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20490	0816-01-0192	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0192	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chromium	3.9	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Cobalt	4	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Copper	4.9	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	HMX	0.27	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Iron	18100	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Lead	3.1	-	mg/kg	J+
16-20490	0816-01-0192	0-1	QBT 4	Magnesium	1490	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0192	0-1	QBT 4	Manganese	535	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nickel	4.3	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20490	0816-01-0192	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Potassium	381	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	RDX	0.92	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20490	0816-01-0192	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Sodium	208	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Thallium	0.065	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Vanadium	11	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0192	0-1	QBT 4	Zinc	63.1	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Aluminum	9910	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Antimony	0.36	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Arsenic	2.3	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Barium	140	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	UJ
16-20660	0816-01-0193	0-1	QBT 3	Beryllium	0.81	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Calcium	1860	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chromium	6.5	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Cobalt	4.7	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Copper	6.4	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20660	0816-01-0193	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Iron	12600	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Lead	6.8	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Magnesium	1460	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Manganese	555	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nickel	5.5	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20660	0816-01-0193	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20660	0816-01-0193	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Potassium	1440	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	RDX	0.11	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Selenium	0.25	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Sodium	214	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Vanadium	15.1	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Zinc	33.6	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Aluminum	13500	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.099	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.087	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U

Analytical Results of Alı Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20491	0816-01-0194	0-1	QBT 4	Antimony	0.52	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Arsenic	3.4	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Barium	2980	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20491	0816-01-0194	0-1	QBT 4	Beryllium	2	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Calcium	1800	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chromium	9.1	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Cobalt	5.3	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Copper	7.1	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzidine[3,3'-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20491	0816-01-0194	0-1	QBT 4	Dimethylphenol[2,4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	HMX	1.3	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Iron	17900	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Lead	6.9	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Magnesium	2220	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Manganese	476	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nickel	6.6	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20491	0816-01-0194	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U

Analytical Results of Alt Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20491	0816-01-0194	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Potassium	1340	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	RDX	3	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Selenium	0.33	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Sodium	211	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.031	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Vanadium	18	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Zinc	66.1	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Aluminum	6680	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.16	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.17	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Arsenic	2.8	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Barium	1800	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20526	0816-01-0195	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Calcium	958	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chromium	5.7	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Copper	8.7	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	HMX	1.7	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Iron	12700	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Lead	3.4	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Magnesium	1390	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Manganese	320	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nickel	4.6	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenol	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Potassium	781	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	RDX	8.3	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Silver	0.5	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Sodium	248	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.36	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.48	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Vanadium	11.3	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Zinc	52.7	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Aluminum	2030	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.054	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.042	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Antimony	0.24	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Arsenic	2.1	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Barium	30.9	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Beryllium	1.4	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Calcium	489	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chromium	1.1	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Copper	3.8	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	HMX	0.54	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Iron	8610	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Lead	2	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Magnesium	248	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Manganese	304	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nickel	1.7	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Potassium	348	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	RDX	3.9	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Selenium	0.23	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Silver	0.5	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Sodium	170	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Thallium	0.17	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.029	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Vanadium	4.4	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Zinc	35.7	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Aluminum	7610	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Antimony	0.87	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Arsenic	1	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Barium	374	-	mg/kg	J+
16-20667	0816-01-0197	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bromide	0.0842	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Calcium	1260	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Chloride	29.6	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20667	0816-01-0197	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chromium	3.9	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Cobalt	2.2	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Copper	5.6	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Fluoride	3.88	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	HMX	1.15	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Iron	10100	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Lead	8.1	-	mg/kg	None

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20667	0816-01-0197	0-1	QBT 3	Magnesium	923	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Manganese	186	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nickel	4.3	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Oxalate	1.01	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Perchlorate	0.0674	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Potassium	565	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	RDX	1.62	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Sodium	65.2	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Sulfate	5.88	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Thallium	0.26	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20667	0816-01-0197	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Vanadium	7.7	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Zinc	38.9	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Aluminum	7560	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Arsenic	0.47	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Barium	1980	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Cadmium	0.089	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Calcium	1570	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20490	0816-01-0198	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chromium	9.3	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0198	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Cobalt	5.9	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Copper	5.9	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	HMX	0.36	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Iron	20600	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Lead	4.6	-	mg/kg	J+
16-20490	0816-01-0198	0-1	QBT 4	Magnesium	1820	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Manganese	750	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0198	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nickel	8.7	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20490	0816-01-0198	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Potassium	699	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	RDX	1.6	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20490	0816-01-0198	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Sodium	257	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Thallium	0.056	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Vanadium	13.2	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Zinc	89	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Aluminum	2670	-	mg/kg	None

Table 0-2
Analytical Results of Al[illegible]oil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0199	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.056	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Barium	865	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Beryllium	0.52	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bromide	0.0371	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Calcium	982	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Chloride	13	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20489	0816-01-0199	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chromium	2.2	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Fluoride	7.35	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	HMX	0.46	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Iron	9730	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Lead	3	-	mg/kg	J+
16-20489	0816-01-0199	0-1	QBT 4	Magnesium	430	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Manganese	241	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nickel	1.8	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0199	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Oxalate	0.352	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Perchlorate	0.0178	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Potassium	289	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	RDX	2.1	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20489	0816-01-0199	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Sodium	205	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Sulfate	1.42	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Vanadium	5.7	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Zinc	42	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Aluminum	2230	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0200	2-3	QBT 4	Aniline	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Antimony	0.94	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Barium	880	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Beryllium	0.69	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bromide	0.0363	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Cadmium	0.093	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Calcium	1120	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Chloride	21.2	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20489	0816-01-0200	2-3	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chromium	2.7	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Copper	3.3	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Fluoride	3.7	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	HMX	0.54	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Iron	9970	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Lead	3.7	-	mg/kg	J+
16-20489	0816-01-0200	2-3	QBT 4	Magnesium	500	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Manganese	295	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Mercury	0.02	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20489	0816-01-0200	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0200	2-3	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Oxalate	0.935	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Perchlorate	0.0174	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Phenol	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Potassium	280	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	RDX	3.3	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Selenium	0.24	-	mg/kg	J-
16-20489	0816-01-0200	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Sodium	190	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Sulfate	1.23	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Thallium	0.013	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Zinc	43.4	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Aluminum	2280	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U

Table F -2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20484	0816-01-0201	0-1	QBT 4	Antimony	0.95	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Arsenic	0.85	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Barium	18.9	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Beryllium	0.81	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Cadmium	0.076	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Calcium	1120	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20484	0816-01-0201	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chromium	2.2	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Cobalt	1.2	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Copper	3.1	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20484	0816-01-0201	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Iron	10100	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Lead	2.9	-	mg/kg	J+
16-20484	0816-01-0201	0-1	QBT 4	Magnesium	558	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Manganese	356	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nickel	3.6	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20484	0816-01-0201	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U

Table F -2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20484	0816-01-0201	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Potassium	283	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	RDX	0.087	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Selenium	0.37	-	mg/kg	J-
16-20484	0816-01-0201	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Vanadium	6.1	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Zinc	49.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Aluminum	2150	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Barium	29.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20485	0816-01-0202	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Beryllium	1	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Calcium	1090	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20485	0816-01-0202	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Lead	3	-	mg/kg	J+
16-20485	0816-01-0202	0-1	QBT 4	Magnesium	842	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Manganese	383	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nickel	5.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20485	0816-01-0202	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Phenol	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20485	0816-01-0202	0-1	QBT 4	Potassium	452	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20485	0816-01-0202	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Sodium	209	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Vanadium	7.7	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Zinc	54.5	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Aluminum	2730	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Antimony	0.94	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Barium	23.7	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Bromide	0.0359	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0203	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Cadmium	0.08	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Calcium	1300	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Chloride	4.04	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20446	0816-01-0203	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chromium	3.9	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Copper	3.1	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Fluoride	1.52	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0203	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Lead	1.9	-	mg/kg	J+
16-20446	0816-01-0203	0-1	QBT 4	Magnesium	630	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Manganese	384	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nickel	4.1	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20446	0816-01-0203	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Oxalate	0.341	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Perchlorate	0.0172	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Potassium	379	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	RDX	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0203	0-1	QBT 4	Selenium	0.24	-	mg/kg	UJ
16-20446	0816-01-0203	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Sodium	292	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Sulfate	48	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Vanadium	7.2	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Zinc	45.7	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Aluminum	1980	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Antimony	0.97	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Barium	17.8	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Beryllium	0.73	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bromide	0.0375	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0204	2-3	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Calcium	1110	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Chloride	4	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20446	0816-01-0204	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chromium	2.4	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Cobalt	0.82	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Copper	2.8	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Fluoride	0.462	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0204	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	HMX	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Iron	9640	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Lead	1.6	-	mg/kg	J+
16-20446	0816-01-0204	2-3	QBT 4	Magnesium	555	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Manganese	283	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nickel	1.6	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20446	0816-01-0204	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Oxalate	0.918	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Perchlorate	0.00899	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Potassium	289	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20446	0816-01-0204	2-3	QBT 4	Silver	0.56	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0204	2-3	QBT 4	Sodium	232	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Sulfate	59.4	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Zinc	43	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Aluminum	9720	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Antimony	0.86	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Arsenic	1.3	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Barium	335	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Beryllium	0.89	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Cadmium	0.69	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Calcium	1600	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0205	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20195	0816-01-0205	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chromium	6.9	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Cobalt	2	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Copper	5	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	HMX	1.8	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Iron	11700	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Isophorone	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0205	0-1	ALLH	Lead	14	-	mg/kg	J+
16-20195	0816-01-0205	0-1	ALLH	Magnesium	1330	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Manganese	229	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Mercury	0.018	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nickel	4.4	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20195	0816-01-0205	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Potassium	757	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	RDX	2.1	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20195	0816-01-0205	0-1	ALLH	Silver	0.49	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Sodium	143	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Tetryl	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Thallium	0.11	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0205	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.087	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Vanadium	11.5	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Zinc	39.6	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Aluminum	8540	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Antimony	0.92	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Arsenic	0.65	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Barium	69.8	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Cadmium	0.073	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Calcium	1950	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20195	0816-01-0206	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chromium	6	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Cobalt	1.1	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0206	2-3	QBT 4	Copper	2.7	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	HMX	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Iron	11000	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Lead	8.4	-	mg/kg	J+
16-20195	0816-01-0206	2-3	QBT 4	Magnesium	1590	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Manganese	170	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Mercury	0.02	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0206	2-3	QBT 4	Nickel	4.9	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20195	0816-01-0206	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Phenol	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Potassium	894	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	RDX	0.16	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Selenium	0.23	-	mg/kg	UJ
16-20195	0816-01-0206	2-3	QBT 4	Silver	0.53	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Sodium	150	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Thallium	0.068	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Vanadium	10	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Zinc	38.9	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Aluminum	2320	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20455	0816-01-0207	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Antimony	0.97	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Arsenic	7.2	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Barium	1100	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Cadmium	0.077	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Calcium	1080	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20455	0816-01-0207	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Copper	3	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U

Table 0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20455	0816-01-0207	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	HMX	0.54	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Iron	10300	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Lead	3.1	-	mg/kg	J+
16-20455	0816-01-0207	0-1	QBT 4	Magnesium	595	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Manganese	391	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20455	0816-01-0207	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20455	0816-01-0207	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Potassium	287	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	RDX	1.2	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Selenium	0.39	-	mg/kg	J-
16-20455	0816-01-0207	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Sodium	170	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Vanadium	5.4	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Zinc	46.7	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Aluminum	4020	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.096	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Antimony	1.1	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Arsenic	1.6	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Barium	336	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20586	0816-01-0208	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Beryllium	0.71	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Cadmium	0.55	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Calcium	572	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chromium	2.4	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Cobalt	1.7	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Copper	5.1	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	HMX	0.46	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Iron	7740	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Lead	5	-	mg/kg	J+
16-20586	0816-01-0208	0-1	QBT 3	Magnesium	634	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Manganese	210	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Mercury	0.037	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nickel	2.1	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20586	0816-01-0208	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Potassium	506	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	RDX	0.11	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Selenium	0.55	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Silver	1.1	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Sodium	34.1	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Thallium	1.1	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.078	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Vanadium	5.8	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Zinc	38.6	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Aluminum	9190	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Aniline	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Antimony	1.2	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Arsenic	2.3	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Barium	231	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20658	0816-01-0209	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Cadmium	0.59	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Calcium	2360	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chromium	7.6	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Cobalt	4.1	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Copper	6.1	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20658	0816-01-0209	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	HMX	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Iron	11100	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Lead	8.9	-	mg/kg	J+
16-20658	0816-01-0209	0-1	QBT 3	Magnesium	1580	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Manganese	342	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Mercury	0.04	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nickel	5.8	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrobenzene	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Phenol	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Potassium	1640	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	RDX	0.091	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Selenium	0.21	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Silver	1.2	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Sodium	50.3	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20658	0816-01-0209	0-1	QBT 3	Tetryl	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Thallium	0.39	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Vanadium	15	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Zinc	30.4	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Aluminum	10400	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Aniline	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Antimony	0.46	-	mg/kg	J
16-20622	0816-01-0211	0-1	QBT 3	Arsenic	2.5	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Barium	159	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Beryllium	0.76	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Cadmium	0.59	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Calcium	2450	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20622	0816-01-0211	0-1	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chromium	8.2	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Cobalt	6.4	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Copper	5.8	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	HMX	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Iron	13400	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Lead	10	-	mg/kg	J+
16-20622	0816-01-0211	0-1	QBT 3	Magnesium	2090	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20622	0816-01-0211	0-1	QBT 3	Manganese	592	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Mercury	0.039	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nickel	7.4	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrobenzene	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Phenol	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Potassium	1610	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	RDX	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Selenium	0.2	-	mg/kg	J
16-20622	0816-01-0211	0-1	QBT 3	Silver	1.2	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Sodium	75.7	-	mg/kg	J
16-20622	0816-01-0211	0-1	QBT 3	Tetryl	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Thallium	1.2	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Vanadium	22.2	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20622	0816-01-0211	0-1	QBT 3	Zinc	35.2	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Aluminum	7060	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Antimony	0.45	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Arsenic	3.5	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Barium	57.2	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Cadmium	0.63	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Calcium	1730	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chromium	9.5	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Cobalt	4.5	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20486	0816-01-0212	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	HMX	0.24	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Iron	14600	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Lead	19	-	mg/kg	J+
16-20486	0816-01-0212	0-1	QBT 4	Magnesium	1840	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Manganese	743	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nickel	8.2	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20486	0816-01-0212	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Potassium	960	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	RDX	0.14	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Selenium	0.29	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Silver	1.3	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Sodium	163	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Thallium	1.3	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Vanadium	13.9	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Zinc	62.8	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Acenaphthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Acenaphthylene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Aluminum	8300	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Aniline	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Anthracene	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20566	0816-01-0213	0-1	ALLH	Antimony	1.2	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Arsenic	2.7	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Azobenzene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Barium	85.5	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzyl Alcohol	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Beryllium	0.89	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Cadmium	0.6	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Calcium	1550	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chromium	6.2	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chrysene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Cobalt	2.7	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Copper	5.3	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dibenzofuran	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Diethylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dimethyl Phthalate	0.4	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20566	0816-01-0213	0-1	ALLH	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Fluoranthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Fluorene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachlorobenzene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachloroethane	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	HMX	0.29	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Iron	12500	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Isophorone	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Lead	7.3	-	mg/kg	J+
16-20566	0816-01-0213	0-1	ALLH	Magnesium	1410	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Manganese	299	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Mercury	0.04	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Methylphenol[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Methylphenol[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Naphthalene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nickel	4.5	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrobenzene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20566	0816-01-0213	0-1	ALLH	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Phenanthrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Phenol	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Potassium	1120	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Pyrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	RDX	0.1	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Selenium	0.3	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Silver	1.2	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Sodium	252	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Tetryl	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Thallium	1.2	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Vanadium	11.1	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Zinc	44.3	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Aluminum	4310	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.13	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Antimony	1.1	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Arsenic	1.9	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Barium	588	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20348	0816-01-0214	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Beryllium	0.6	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Cadmium	0.56	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Calcium	1800	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chromium	4.3	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Cobalt	1.8	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Copper	10.5	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	HMX	1.7	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Iron	8560	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Lead	9.1	-	mg/kg	J+
16-20348	0816-01-0214	0-1	Fill	Magnesium	701	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Manganese	238	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Mercury	0.037	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nickel	4.4	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Phenol	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20348	0816-01-0214	0-1	Fill	Potassium	568	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	RDX	2.6	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Selenium	0.15	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Silver	1.1	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Sodium	61.4	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Thallium	1.1	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trinitrotoluene[2,4,6-]	0.034	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Vanadium	6.9	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Zinc	46.8	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Acenaphthylene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Aluminum	7400	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Aniline	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Anthracene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Antimony	0.32	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Arsenic	2.2	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Barium	1320	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Beryllium	0.42	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.21	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20549	0816-01-0215	0-1	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Cadmium	0.54	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Calcium	2240	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chromium	5.9	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chrysene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Cobalt	3.4	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Copper	4.5	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Diethylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Fluorene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachloroethane	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20549	0816-01-0215	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Iron	9940	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Isophorone	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Lead	9.1	-	mg/kg	J+
16-20549	0816-01-0215	0-1	ALLH	Magnesium	1370	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Manganese	220	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Mercury	0.036	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nickel	4.4	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Phenol	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Potassium	1120	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Pyrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	RDX	0.069	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Selenium	0.33	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Silver	1.1	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Sodium	61	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Thallium	1.1	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20549	0816-01-0215	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Vanadium	14.5	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Zinc	28.1	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Aluminum	4250	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Antimony	1.3	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Arsenic	2.1	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Barium	31.5	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Beryllium	1.2	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Cadmium	0.66	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Calcium	1890	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0216	0-1	QBT 4	Chromium	5.3	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Copper	4.2	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	HMX	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Iron	11700	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Lead	5.1	-	mg/kg	J+
16-20413	0816-01-0216	0-1	QBT 4	Magnesium	1860	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Manganese	373	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Mercury	0.044	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0216	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nickel	6.1	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Potassium	1210	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	RDX	0.066	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Selenium	0.32	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Silver	1.3	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Sodium	390	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Thallium	1.3	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Vanadium	13.5	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Zinc	52.6	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20421	0816-01-0217	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Aluminum	3250	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Antimony	1.2	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Arsenic	2	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Barium	25.6	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Cadmium	0.62	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Calcium	1210	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chromium	4	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Copper	3.2	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Iron	10300	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Lead	3.6	-	mg/kg	J+
16-20421	0816-01-0217	0-1	QBT 4	Magnesium	801	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Manganese	456	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Mercury	0.041	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nickel	3.6	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20421	0816-01-0217	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Potassium	719	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Selenium	0.23	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Silver	1.2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Sodium	196	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Thallium	1.2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Vanadium	7.2	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Zinc	46.6	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Aluminum	2780	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.23	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.18	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Antimony	0.34	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Arsenic	5.2	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0218	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Barium	1240	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Cadmium	0.64	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Calcium	1120	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Copper	7.4	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0218	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	HMX	1.2	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Iron	9930	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Lead	1.9	-	mg/kg	J+
16-20454	0816-01-0218	0-1	QBT 4	Magnesium	827	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Manganese	235	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Mercury	0.043	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0218	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Potassium	516	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	RDX	4	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Selenium	0.28	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Silver	1.3	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Sodium	161	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Thallium	1.3	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.079	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Vanadium	7.4	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Zinc	36.3	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Aluminum	2410	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Barium	15.4	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20449	0816-01-0219	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Beryllium	0.79	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Calcium	2100	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20449	0816-01-0219	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chromium	3.2	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20449	0816-01-0219	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Iron	9660	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Lead	3.2	-	mg/kg	J+
16-20449	0816-01-0219	0-1	QBT 4	Magnesium	1380	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Manganese	379	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Mercury	0.024	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nickel	3.2	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20449	0816-01-0219	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Potassium	398	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20449	0816-01-0219	0-1	QBT 4	RDX	0.13	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Selenium	0.43	-	mg/kg	J-
16-20449	0816-01-0219	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Sodium	260	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Thallium	0.73	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Vanadium	5.3	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Zinc	32.6	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Aluminum	2860	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Antimony	0.99	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Barium	28.8	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Beryllium	0.67	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Cadmium	0.079	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20447	0816-01-0220	0-1	QBT 4	Calcium	1460	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20447	0816-01-0220	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chromium	4.8	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20447	0816-01-0220	0-1	QBT 4	Iron	11300	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Lead	2.4	-	mg/kg	J+
16-20447	0816-01-0220	0-1	QBT 4	Magnesium	869	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Manganese	459	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nickel	2.5	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20447	0816-01-0220	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Potassium	512	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	RDX	0.66	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Selenium	0.67	-	mg/kg	J-
16-20447	0816-01-0220	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Sodium	262	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20447	0816-01-0220	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Vanadium	6	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Zinc	48.2	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Aluminum	3620	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Antimony	0.99	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Barium	26.4	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Beryllium	0.81	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Calcium	1510	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20414	0816-01-0221	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chromium	6	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20414	0816-01-0221	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Copper	4	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Iron	11400	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Lead	4.2	-	mg/kg	J+
16-20414	0816-01-0221	0-1	QBT 4	Magnesium	1230	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Manganese	321	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20414	0816-01-0221	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nickel	4.1	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20414	0816-01-0221	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Potassium	862	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Selenium	0.53	-	mg/kg	J-
16-20414	0816-01-0221	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Sodium	340	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Zinc	48.7	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Aluminum	1880	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20452	0816-01-0222	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Barium	11.4	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Beryllium	0.39	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Calcium	1040	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20452	0816-01-0222	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chromium	2.8	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Copper	1.6	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	HMX	0.54	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Iron	8980	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Lead	1.7	-	mg/kg	J+
16-20452	0816-01-0222	0-1	QBT 4	Magnesium	562	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Manganese	183	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nickel	1.7	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20452	0816-01-0222	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20452	0816-01-0222	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Potassium	449	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	RDX	2.6	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Selenium	0.39	-	mg/kg	J-
16-20452	0816-01-0222	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Vanadium	4.5	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Zinc	42.8	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Aluminum	2800	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Antimony	0.96	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Arsenic	0.23	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Barium	1240	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20453	0816-01-0223	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Beryllium	0.43	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Cadmium	0.076	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Calcium	956	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20453	0816-01-0223	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chromium	4.3	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Copper	1.8	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20453	0816-01-0223	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	HMX	0.65	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Iron	10200	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Lead	11.2	-	mg/kg	J+
16-20453	0816-01-0223	0-1	QBT 4	Magnesium	713	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Manganese	290	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nickel	1.6	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20453	0816-01-0223	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20453	0816-01-0223	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Potassium	605	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	RDX	4	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Selenium	0.44	-	mg/kg	J-
16-20453	0816-01-0223	0-1	QBT 4	Silver	0.63	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Sodium	280	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Vanadium	6.6	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Zinc	70.7	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Aluminum	2010	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Barium	14.2	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Beryllium	0.38	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0224	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Calcium	1240	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20451	0816-01-0224	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chromium	3.6	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Cobalt	1.4	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Copper	2	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0224	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Iron	9800	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Lead	3.4	-	mg/kg	J+
16-20451	0816-01-0224	0-1	QBT 4	Magnesium	820	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Manganese	283	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20451	0816-01-0224	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Potassium	540	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	RDX	0.13	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Selenium	0.39	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0224	0-1	QBT 4	Silver	0.76	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Sodium	220	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Vanadium	5.4	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Zinc	52.3	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Aluminum	2340	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Arsenic	0.34	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Barium	20.4	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Calcium	1290	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0225	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20451	0816-01-0225	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chromium	5.1	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Cobalt	2.4	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Copper	2.4	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Iron	10100	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0225	0-1	QBT 4	Lead	4.2	-	mg/kg	J+
16-20451	0816-01-0225	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Manganese	321	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20451	0816-01-0225	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Potassium	755	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Selenium	0.27	-	mg/kg	J-
16-20451	0816-01-0225	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Sodium	253	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0225	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Vanadium	5.9	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Zinc	59.2	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Aluminum	6100	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Antimony	0.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Barium	652	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Beryllium	0.73	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Cadmium	0.072	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Calcium	1340	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20457	0816-01-0226	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chromium	7.3	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Cobalt	3.7	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0226	0-1	QBT 4	Copper	2.3	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Iron	12900	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Lead	5.4	-	mg/kg	J+
16-20457	0816-01-0226	0-1	QBT 4	Magnesium	1470	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Manganese	420	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0226	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20457	0816-01-0226	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Potassium	979	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	RDX	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Selenium	0.53	-	mg/kg	J-
16-20457	0816-01-0226	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Sodium	213	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Vanadium	11.6	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Zinc	52.5	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Aluminum	5340	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0227	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Antimony	0.95	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Arsenic	0.73	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Barium	28.9	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Beryllium	0.86	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Cadmium	0.18	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Calcium	1110	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20457	0816-01-0227	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chromium	4.6	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Cobalt	2.4	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Copper	2.3	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0227	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	HMX	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Iron	11800	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Lead	3.8	-	mg/kg	J+
16-20457	0816-01-0227	2-3	QBT 4	Magnesium	820	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Manganese	370	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Mercury	0.02	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nickel	3.3	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20457	0816-01-0227	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0227	2-3	QBT 4	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Phenol	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Potassium	526	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	RDX	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20457	0816-01-0227	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Sodium	128	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Thallium	0.013	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Vanadium	8.3	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Zinc	50.7	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Aluminum	6190	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Antimony	0.9	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Arsenic	0.37	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Barium	1900	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20442	0816-01-0228	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Beryllium	1	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Cadmium	0.27	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Calcium	1180	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20442	0816-01-0228	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chromium	4.9	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Cobalt	5	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Copper	32.3	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Iron	12200	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Lead	5.5	-	mg/kg	J+
16-20442	0816-01-0228	0-1	QBT 4	Magnesium	1030	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Manganese	208	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20442	0816-01-0228	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20442	0816-01-0228	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Potassium	874	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	RDX	0.42	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Selenium	0.54	-	mg/kg	J-
16-20442	0816-01-0228	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Sodium	268	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Zinc	49.2	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Aluminum	6750	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Antimony	0.93	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Arsenic	1.4	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Barium	2060	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20371	0816-01-0229	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Cadmium	0.077	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Calcium	1170	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20371	0816-01-0229	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chromium	7.5	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Cobalt	5.3	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20371	0816-01-0229	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Iron	11600	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Lead	4.8	-	mg/kg	J+
16-20371	0816-01-0229	0-1	QBT 4	Magnesium	1470	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Manganese	307	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nickel	5.8	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20371	0816-01-0229	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Potassium	1140	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	RDX	1.2	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20371	0816-01-0229	0-1	QBT 4	Silver	0.53	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Sodium	287	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20371	0816-01-0229	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Vanadium	10	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Zinc	41.2	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Aluminum	3280	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Antimony	0.87	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Arsenic	0.8	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Barium	43.6	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Beryllium	0.83	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Cadmium	0.07	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Calcium	1280	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20372	0816-01-0230	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20372	0816-01-0230	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chromium	5.4	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Copper	7	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	HMX	0.6	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Iron	9160	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Lead	2.5	-	mg/kg	J+
16-20372	0816-01-0230	0-1	QBT 4	Magnesium	1050	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20372	0816-01-0230	0-1	QBT 4	Manganese	195	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nickel	4.8	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20372	0816-01-0230	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Potassium	903	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	RDX	1.4	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Selenium	0.32	-	mg/kg	J-
16-20372	0816-01-0230	0-1	QBT 4	Silver	0.5	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Sodium	371	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Vanadium	6.8	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20372	0816-01-0230	0-1	QBT 4	Zinc	34.9	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Aluminum	12700	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Antimony	0.86	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Arsenic	2.2	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Barium	71.3	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Beryllium	3.1	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Cadmium	0.1	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Calcium	1840	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20444	0816-01-0231	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chromium	8	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Copper	12.2	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U

Table .0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20444	0816-01-0231	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Iron	14000	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Lead	4.5	-	mg/kg	J+
16-20444	0816-01-0231	0-1	QBT 4	Magnesium	2080	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Manganese	415	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nickel	6.3	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20444	0816-01-0231	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20444	0816-01-0231	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Potassium	1320	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	RDX	0.12	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Selenium	0.58	-	mg/kg	J-
16-20444	0816-01-0231	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Sodium	291	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Vanadium	12.8	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Zinc	46.6	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Aluminum	5310	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376T	0816-01-0232	0-1	QBT 4	Antimony	0.82	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Arsenic	1.2	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Barium	36.5	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Beryllium	0.99	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Cadmium	0.075	-	mg/kg	J
16-20376T	0816-01-0232	0-1	QBT 4	Calcium	1560	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20376T	0816-01-0232	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chromium	10.1	-	mg/kg	J
16-20376T	0816-01-0232	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20376T	0816-01-0232	0-1	QBT 4	Copper	22.2	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376T	0816-01-0232	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Iron	12300	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Lead	4.1	-	mg/kg	J+
16-20376T	0816-01-0232	0-1	QBT 4	Magnesium	1590	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Manganese	348	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Mercury	0.017	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nickel	8.8	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20376T	0816-01-0232	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376T	0816-01-0232	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Potassium	1330	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Selenium	0.47	-	mg/kg	J-
16-20376T	0816-01-0232	0-1	QBT 4	Silver	0.47	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Sodium	584	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Vanadium	11.4	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Zinc	56.9	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Aluminum	4550	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Antimony	0.83	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Arsenic	0.11	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Barium	36.3	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20374	0816-01-0233	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Beryllium	0.73	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Cadmium	0.087	-	mg/kg	J
16-20374	0816-01-0233	0-1	QBT 4	Calcium	1480	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20374	0816-01-0233	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chromium	5.7	-	mg/kg	J
16-20374	0816-01-0233	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20374	0816-01-0233	0-1	QBT 4	Copper	20.5	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	HMX	0.28	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Iron	10400	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Lead	3.6	-	mg/kg	J+
16-20374	0816-01-0233	0-1	QBT 4	Magnesium	1150	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Manganese	274	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nickel	5.7	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20374	0816-01-0233	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Phenol	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20374	0816-01-0233	0-1	QBT 4	Potassium	1250	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	RDX	2.8	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Selenium	0.21	-	mg/kg	UJ
16-20374	0816-01-0233	0-1	QBT 4	Silver	0.48	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Sodium	608	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Vanadium	7.9	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Zinc	51.3	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Aluminum	3800	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Antimony	0.83	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Arsenic	0.71	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Barium	42.9	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U

Table .0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0234	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Cadmium	0.11	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Calcium	1500	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20373	0816-01-0234	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chromium	5.4	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Cobalt	2.4	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Copper	24.2	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0234	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Iron	9280	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Lead	3.4	-	mg/kg	J+
16-20373	0816-01-0234	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Manganese	284	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nickel	3.8	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20373	0816-01-0234	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Potassium	1120	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	RDX	0.8	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Selenium	0.4	-	mg/kg	J-
16-20373	0816-01-0234	0-1	QBT 4	Silver	0.48	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Sodium	474	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Thallium	0.012	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0234	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Vanadium	5.8	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Zinc	40.3	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Aluminum	2810	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Antimony	0.91	-	mg/kg	UJ
16-20334	0816-01-0235	0-1	QBT 4	Arsenic	0.97	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Barium	335	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Beryllium	0.41	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Cadmium	0.094	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Calcium	944	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20334	0816-01-0235	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20334	0816-01-0235	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Copper	25.6	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	HMX	0.2	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Iron	7720	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Lead	3.5	-	mg/kg	J-
16-20334	0816-01-0235	0-1	QBT 4	Magnesium	598	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Manganese	191	-	mg/kg	J+
16-20334	0816-01-0235	0-1	QBT 4	Mercury	0.019	-	mg/kg	U

Table .0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20334	0816-01-0235	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nickel	5.4	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20334	0816-01-0235	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Potassium	750	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	RDX	0.81	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Selenium	0.41	-	mg/kg	J-
16-20334	0816-01-0235	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Sodium	467	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Vanadium	2.9	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Zinc	37.8	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20335	0816-01-0236	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Aluminum	3380	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Antimony	0.85	-	mg/kg	UJ
16-20335	0816-01-0236	0-1	QBT 4	Arsenic	0.12	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Barium	860	-	mg/kg	J
16-20335	0816-01-0236	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Beryllium	0.55	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Cadmium	0.068	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Calcium	825	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20335	0816-01-0236	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chromium	3.5	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20335	0816-01-0236	0-1	QBT 4	Copper	24.4	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Iron	8410	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Lead	3	-	mg/kg	J-
16-20335	0816-01-0236	0-1	QBT 4	Magnesium	751	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Manganese	240	-	mg/kg	J+
16-20335	0816-01-0236	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nickel	8.8	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20335	0816-01-0236	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20335	0816-01-0236	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Potassium	887	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	RDX	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Selenium	0.46	-	mg/kg	J-
16-20335	0816-01-0236	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Sodium	570	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Vanadium	3.7	-	mg/kg	J
16-20335	0816-01-0236	0-1	QBT 4	Zinc	44.4	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Aluminum	17400	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Antimony	0.89	-	mg/kg	UJ
16-20370	0816-01-0237	0-1	QBT 4	Arsenic	2.6	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20370	0816-01-0237	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Barium	179	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Beryllium	2.4	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Cadmium	0.086	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Calcium	1760	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20370	0816-01-0237	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chromium	9.2	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Cobalt	3.1	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Copper	29.5	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20370	0816-01-0237	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Iron	15800	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Lead	10.2	-	mg/kg	J-
16-20370	0816-01-0237	0-1	QBT 4	Magnesium	2370	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Manganese	256	-	mg/kg	J+
16-20370	0816-01-0237	0-1	QBT 4	Mercury	0.03	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nickel	11.2	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20370	0816-01-0237	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20370	0816-01-0237	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Potassium	1430	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	RDX	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Selenium	0.22	-	mg/kg	UJ
16-20370	0816-01-0237	0-1	QBT 4	Silver	0.51	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Sodium	283	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Thallium	0.15	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Vanadium	15.1	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Zinc	49.8	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Aluminum	2780	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Aniline	0.42	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Antimony	0.98	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Arsenic	0.64	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Barium	25.1	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20408	0816-01-0238	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Beryllium	0.73	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Cadmium	0.18	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Calcium	1270	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chromium	5	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Copper	6.6	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20408	0816-01-0238	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	HMX	0.19	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Iron	8770	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Lead	2.6	-	mg/kg	J-
16-20408	0816-01-0238	0-1	QBT 4	Magnesium	996	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Manganese	234	-	mg/kg	J+
16-20408	0816-01-0238	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nickel	4.7	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Potassium	598	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20408	0816-01-0238	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20408	0816-01-0238	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Sodium	278	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Thallium	0.29	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Zinc	34.1	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Aluminum	2380	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Barium	16.2	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Beryllium	0.48	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U

Table ...8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0239	0-1	QBT 4	Calcium	901	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chromium	3.1	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Cobalt	1	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Copper	3.6	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0239	0-1	QBT 4	Iron	8460	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Lead	1.8	-	mg/kg	J-
16-20409	0816-01-0239	0-1	QBT 4	Magnesium	905	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Manganese	230	-	mg/kg	J+
16-20409	0816-01-0239	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nickel	1.9	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Potassium	521	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Selenium	0.75	-	mg/kg	J-
16-20409	0816-01-0239	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Sodium	151	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Thallium	0.38	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0239	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Vanadium	3.7	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Zinc	37.3	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Aluminum	2190	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Barium	13.1	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Calcium	1110	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chromium	2.1	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0240	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Cobalt	0.96	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Copper	3.2	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Iron	8550	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Lead	1.6	-	mg/kg	J-
16-20409	0816-01-0240	0-1	QBT 4	Magnesium	555	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Manganese	235	-	mg/kg	J+
16-20409	0816-01-0240	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0240	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nickel	3	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Potassium	302	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Selenium	0.57	-	mg/kg	J-
16-20409	0816-01-0240	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Sodium	131	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Vanadium	3.2	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Zinc	33.7	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Aluminum	2860	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20411	0816-01-0241	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Arsenic	2	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Barium	14.7	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Beryllium	0.64	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Calcium	1230	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chromium	3	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Copper	2.8	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Iron	8930	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Lead	2.8	-	mg/kg	J-
16-20411	0816-01-0241	0-1	QBT 4	Magnesium	749	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Manganese	194	-	mg/kg	J+
16-20411	0816-01-0241	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nickel	4.5	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20411	0816-01-0241	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Potassium	389	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Selenium	0.26	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Sodium	208	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Vanadium	4.9	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Zinc	37.4	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Aluminum	2810	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Aniline	0.44	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Anthracene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Barium	996	-	mg/kg	J

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0242	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Beryllium	0.42	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Cadmium	0.083	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Calcium	863	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chrysene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Cobalt	2.6	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Copper	3.1	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0242	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	HMX	0.79	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Iron	9050	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Lead	2.4	-	mg/kg	J-
16-20418	0816-01-0242	0-1	QBT 4	Magnesium	720	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Manganese	250	-	mg/kg	J+
16-20418	0816-01-0242	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nickel	4.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrosodiethylamine[N-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0242	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Potassium	492	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Pyrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	RDX	4.6	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Selenium	0.26	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Silver	0.6	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Sodium	182	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Thallium	0.015	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Vanadium	3.9	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Zinc	37.8	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Aluminum	1930	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Barium	840	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Beryllium	0.34	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0243	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Calcium	909	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chromium	2.9	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Cobalt	2.6	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Copper	3	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0243	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	HMX	0.67	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Iron	8360	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Lead	2.8	-	mg/kg	J-
16-20418	0816-01-0243	2-3	QBT 4	Magnesium	578	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Manganese	241	-	mg/kg	J+
16-20418	0816-01-0243	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nickel	3.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Potassium	303	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	RDX	3.9	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Selenium	0.26	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0243	2-3	QBT 4	Silver	0.58	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Sodium	148	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Vanadium	3.7	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Zinc	33.5	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Aluminum	1860	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Aniline	0.41	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Antimony	0.98	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Barium	686	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Beryllium	0.37	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Calcium	900	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20419	0816-01-0244	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chromium	2.5	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Copper	1.6	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	HMX	0.45	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Iron	8510	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20419	0816-01-0244	0-1	QBT 4	Lead	5	-	mg/kg	J-
16-20419	0816-01-0244	0-1	QBT 4	Magnesium	467	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Manganese	268	-	mg/kg	J+
16-20419	0816-01-0244	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nickel	2.7	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Potassium	291	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	RDX	1.1	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Sodium	137	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U

Table ..0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20419	0816-01-0244	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Vanadium	3.1	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Zinc	40.6	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Aluminum	3090	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Barium	20.2	-	mg/kg	J
16-20415	0816-01-0245	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Calcium	1200	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chromium	4.7	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20415	0816-01-0245	0-1	QBT 4	Copper	3.3	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Iron	8780	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Lead	3.9	-	mg/kg	J-
16-20415	0816-01-0245	0-1	QBT 4	Magnesium	1210	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Manganese	212	-	mg/kg	J+
16-20415	0816-01-0245	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20415	0816-01-0245	0-1	QBT 4	Nickel	4.9	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Potassium	700	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	RDX	0.46	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Selenium	0.26	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Sodium	296	-	mg/kg	J
16-20415	0816-01-0245	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Vanadium	5.3	-	mg/kg	J
16-20415	0816-01-0245	0-1	QBT 4	Zinc	37.4	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Aluminum	4820	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20416	0816-01-0246	0-1	QBT 4	Aniline	0.42	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Arsenic	0.37	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Barium	27	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Beryllium	0.66	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Calcium	1240	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chromium	5.5	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Copper	4.2	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20416	0816-01-0246	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Iron	9860	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Lead	7	-	mg/kg	J-
16-20416	0816-01-0246	0-1	QBT 4	Magnesium	1260	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Manganese	236	-	mg/kg	J+
16-20416	0816-01-0246	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nickel	5.9	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20416	0816-01-0246	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Potassium	679	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	RDX	0.17	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Sodium	206	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Thallium	0.12	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Vanadium	6.9	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Zinc	46	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Aluminum	2160	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Aniline	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20189	0816-01-0247	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Barium	1400	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0247	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Beryllium	0.23	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Cadmium	0.083	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Calcium	430	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0247	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chromium	2.6	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Cobalt	3.3	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Copper	3.4	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	HMX	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Iron	7090	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Lead	3.4	-	mg/kg	J-
16-20189	0816-01-0247	2-3	QBT 4	Magnesium	417	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Manganese	120	-	mg/kg	J+
16-20189	0816-01-0247	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nickel	4	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0247	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0247	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Potassium	341	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	RDX	0.12	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20189	0816-01-0247	2-3	QBT 4	Silver	0.59	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Sodium	76	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Thallium	0.059	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Vanadium	1.5	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Zinc	18	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Aluminum	16800	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.439	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.524	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20592	0816-01-0248	0-1	QBT 3	Arsenic	2.7	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Barium	2430	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Beryllium	1.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20592	0816-01-0248	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20592	0816-01-0248	0-1	QBT 3	Calcium	2800	-	mg/kg	J
16-20592	0816-01-0248	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chromium	10.8	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Cobalt	8.2	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Copper	17.4	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U

Table [illegible].3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20592	0816-01-0248	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	HMX	2.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Iron	14800	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Lead	26.5	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Magnesium	2190	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Manganese	182	-	mg/kg	J-
16-20592	0816-01-0248	0-1	QBT 3	Mercury	0.059	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nickel	9.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Potassium	1240	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	RDX	10.8	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20592	0816-01-0248	0-1	QBT 3	Silver	1.2	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Sodium	202	-	mg/kg	J
16-20592	0816-01-0248	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20592	0816-01-0248	0-1	QBT 3	Thallium	1.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.129	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Vanadium	24.7	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Zinc	46.5	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Aluminum	5270	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.204	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.197	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Aniline	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Antimony	2.7	-	mg/kg	J-
16-20741	0816-01-0249	5-5	QBT 3	Arsenic	0.62	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Barium	1110	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Beryllium	0.51	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Bromide	0.761	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Cadmium	0.098	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Calcium	1170	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Chloride	13.8	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0249	5-5	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chromium	4.9	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Cobalt	4	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Copper	8.1	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Fluoride	1.42	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	HMX	3.71	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Iron	9110	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Lead	20.6	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0249	5-5	QBT 3	Magnesium	714	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Manganese	260	-	mg/kg	J-
16-20741	0816-01-0249	5-5	QBT 3	Mercury	0.018	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nickel	3.8	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Oxalate	1.01	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Perchlorate	0.0676	-	mg/kg	UJ
16-20741	0816-01-0249	5-5	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Phenol	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Potassium	798	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	RDX	1.44	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Selenium	0.37	-	mg/kg	J-
16-20741	0816-01-0249	5-5	QBT 3	Silver	0.53	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Sodium	62.8	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Sulfate	15.1	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Thallium	0.62	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0249	5-5	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Vanadium	10.3	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Zinc	37.9	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Aluminum	6100	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.107	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Antimony	0.91	-	mg/kg	UJ
16-20741	0816-01-0250	2-3	QBT 3	Arsenic	0.35	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Barium	582	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Beryllium	0.44	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Bromide	0.589	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Cadmium	0.073	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Calcium	1270	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Chloride	16.5	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0250	2-3	QBT 3	Chromium	5.1	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Cobalt	4.2	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Copper	3.9	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Fluoride	0.872	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	HMX	3.28	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Iron	9720	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Lead	11	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Magnesium	884	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Manganese	309	-	mg/kg	J-
16-20741	0816-01-0250	2-3	QBT 3	Mercury	0.019	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0250	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nickel	4	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Oxalate	1.04	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Perchlorate	0.0695	-	mg/kg	UJ
16-20741	0816-01-0250	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Potassium	862	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	RDX	1.15	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20741	0816-01-0250	2-3	QBT 3	Silver	1.5	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Sodium	61.2	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Sulfate	10.5	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Thallium	0.46	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0250	2-3	QBT 3	Vanadium	11.3	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Zinc	34.8	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Aluminum	6850	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.0905	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Antimony	0.85	-	mg/kg	UJ
16-20661	0816-01-0251	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Barium	171	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Bromide	0.994	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Calcium	1170	-	mg/kg	J
16-20661	0816-01-0251	2-3	QBT 3	Chloride	12.5	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chromium	6.7	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Cobalt	5.1	-	mg/kg	J

Table ..8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0251	2-3	QBT 3	Copper	3.5	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Fluoride	1.56	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	HMX	0.302	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Iron	12000	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Lead	12	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Magnesium	1360	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Manganese	581	-	mg/kg	J-
16-20661	0816-01-0251	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0251	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nickel	4.5	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Oxalate	0.761	-	mg/kg	J
16-20661	0816-01-0251	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Perchlorate	0.066	-	mg/kg	UJ
16-20661	0816-01-0251	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Potassium	1250	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	RDX	1.24	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Selenium	0.21	-	mg/kg	UJ
16-20661	0816-01-0251	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Sodium	79.9	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Sulfate	37.3	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Thallium	0.41	-	mg/kg	J
16-20661	0816-01-0251	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Vanadium	17.2	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Zinc	32.8	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Acenaphthene	0.39	-	mg/kg	U

Table ..8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0252	6-7	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Aluminum	6940	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Aniline	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20661	0816-01-0252	6-7	QBT 3	Arsenic	1.9	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Barium	47.6	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Bromide	1.3	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Cadmium	0.074	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Calcium	866	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Chloride	12.8	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chromium	5.7	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Cobalt	4.2	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Copper	3.1	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dibenzofuran	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Fluoride	1.36	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	HMX	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Iron	10800	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Lead	8.4	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Magnesium	1140	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Manganese	270	-	mg/kg	J-
16-20661	0816-01-0252	6-7	QBT 3	Mercury	0.02	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nickel	4	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0252	6-7	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Oxalate	1.05	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Perchlorate	0.0702	-	mg/kg	UJ
16-20661	0816-01-0252	6-7	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Phenol	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Potassium	1200	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	RDX	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20661	0816-01-0252	6-7	QBT 3	Silver	0.53	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Sodium	126	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Sulfate	39.6	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Thallium	0.39	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Vanadium	14.4	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Zinc	26.3	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Aluminum	7830	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0253	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Aniline	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Anthracene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Antimony	2.9	-	mg/kg	J-
16-20694T	0816-01-0253	2-3	ALLH	Arsenic	1.6	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Barium	323	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Beryllium	0.67	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Bromide	1.07	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Cadmium	1.4	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Calcium	2220	-	mg/kg	J
16-20694T	0816-01-0253	2-3	ALLH	Chloride	25.5	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chromium	8.8	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Chrysene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Cobalt	4.4	-	mg/kg	J
16-20694T	0816-01-0253	2-3	ALLH	Copper	18.8	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Fluorene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Fluoride	0.811	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Hexachloroethane	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	HMX	0.12	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Iron	15200	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Isophorone	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Lead	61.5	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Magnesium	1340	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Manganese	374	-	mg/kg	J-
16-20694T	0816-01-0253	2-3	ALLH	Mercury	0.02	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nickel	9.7	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrobenzene	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0253	2-3	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Oxalate	1.06	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Perchlorate	0.0705	-	mg/kg	UJ
16-20694T	0816-01-0253	2-3	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Phenol	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Potassium	1370	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Pyrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	RDX	0.205	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Selenium	0.29	-	mg/kg	J-
16-20694T	0816-01-0253	2-3	ALLH	Silver	0.53	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Sodium	76.5	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Sulfate	65.4	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Tetryl	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Thallium	0.25	-	mg/kg	J
16-20694T	0816-01-0253	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Vanadium	14.2	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Zinc	912	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Acenaphthylene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Aluminum	4330	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Aniline	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Anthracene	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0254	10-10	ALLH	Antimony	0.85	-	mg/kg	UJ
16-20694T	0816-01-0254	10-10	ALLH	Arsenic	1.1	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Barium	94.4	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Beryllium	0.45	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Bromide	0.563	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Cadmium	0.068	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Calcium	877	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Chloride	13.2	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chromium	3.7	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Chrysene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Cobalt	2.8	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Copper	3.5	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Diethylphthalate	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0254	10-10	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Fluorene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Fluoride	0.889	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Hexachloroethane	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	HMX	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Iron	8630	-	mg/kg	
16-20694T	0816-01-0254	10-10	ALLH	Isophorone	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Lead	8.9	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Magnesium	693	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Manganese	265	-	mg/kg	J-
16-20694T	0816-01-0254	10-10	ALLH	Mercury	0.018	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nickel	3.5	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrobenzene	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0254	10-10	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Oxalate	0.977	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Perchlorate	0.0651	-	mg/kg	UJ
16-20694T	0816-01-0254	10-10	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Phenol	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Potassium	747	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Pyrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	RDX	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Selenium	0.37	-	mg/kg	J-
16-20694T	0816-01-0254	10-10	ALLH	Silver	0.49	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Sodium	41.5	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Sulfate	24.5	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Tetryl	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Thallium	0.18	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Vanadium	11	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Zinc	28.4	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Aluminum	6860	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.314	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.355	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20702T	0816-01-0255	0-1	QBT 3	Arsenic	1.1	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0255	0-1	QBT 3	Barium	1590	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Beryllium	0.55	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.53	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Bromide	0.912	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Cadmium	0.078	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Calcium	1390	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Chloride	13.7	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chromium	5.2	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Cobalt	5.5	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Copper	6.5	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0255	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Fluoride	2.38	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	HMX	3.14	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Iron	10400	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Lead	11.6	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Magnesium	998	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Manganese	249	-	mg/kg	J-
16-20702T	0816-01-0255	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nickel	3.6	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0255	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Oxalate	2.36	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Perchlorate	0.168	-	mg/kg	UJ
16-20702T	0816-01-0255	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Potassium	860	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	RDX	2.92	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20702T	0816-01-0255	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Sodium	68.2	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Sulfate	17.7	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Thallium	0.2	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.157	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Vanadium	11.7	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Zinc	40.3	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Aluminum	6070	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.298	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.321	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702T	0816-01-0256	0-1	QBT 3	Arsenic	1.2	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Barium	1880	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Beryllium	0.54	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Bromide	0.596	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Cadmium	0.087	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Calcium	1300	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Chloride	12.5	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chromium	4.7	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Cobalt	7.6	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Copper	6.9	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Fluoride	1.07	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	HMX	3.4	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Iron	10200	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Lead	14.3	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Magnesium	914	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Manganese	328	-	mg/kg	J-
16-20702T	0816-01-0256	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nickel	3.9	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0256	0-1	QBT 3	Oxalate	1	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Perchlorate	0.17	-	mg/kg	UJ
16-20702T	0816-01-0256	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Potassium	753	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	RDX	2.76	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702T	0816-01-0256	0-1	QBT 3	Silver	0.87	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Sodium	79.5	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Sulfate	8.93	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Thallium	0.19	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Vanadium	13	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Zinc	44.5	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Aluminum	6080	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Aniline	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20702T	0816-01-0257	4-5	QBT 3	Arsenic	0.98	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Barium	261	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0257	4-5	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Beryllium	0.74	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Bromide	0.805	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Calcium	1160	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Chloride	20.1	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chromium	5.3	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Cobalt	3.8	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Copper	5.2	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Fluoride	1.27	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	HMX	0.362	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Iron	9940	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Lead	9.2	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Magnesium	969	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Manganese	318	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nickel	5	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Oxalate	0.387	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0257	4-5	QBT 3	Perchlorate	0.0664	-	mg/kg	UJ
16-20702T	0816-01-0257	4-5	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Phenol	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Potassium	678	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	RDX	2.47	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Selenium	0.45	-	mg/kg	J-
16-20702T	0816-01-0257	4-5	QBT 3	Silver	0.51	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Sodium	68.5	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Sulfate	22.9	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Thallium	0.2	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Vanadium	12.2	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Zinc	35.2	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Aluminum	6560	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Antimony	0.89	-	mg/kg	UJ
16-20702T	0816-01-0258	4-5	QBT 3	Arsenic	1.4	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Barium	193	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Beryllium	0.94	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0258	4-5	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Bromide	0.798	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Cadmium	0.084	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Calcium	1220	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Chloride	10.8	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chromium	5.5	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Cobalt	3.9	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Copper	4.9	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Fluoranthene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0258	4-5	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Fluoride	0.812	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	HMX	0.371	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Iron	10800	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Lead	11.2	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Magnesium	1050	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Manganese	421	-	mg/kg	J-
16-20702T	0816-01-0258	4-5	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nickel	5.4	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Oxalate	0.498	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Perchlorate	0.0679	-	mg/kg	UJ
16-20702T	0816-01-0258	4-5	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Phenol	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0258	4-5	QBT 3	Potassium	744	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	RDX	2.86	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Selenium	0.65	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Silver	0.51	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Sodium	71.1	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Sulfate	22.9	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Thallium	0.26	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Vanadium	15.1	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Zinc	31.4	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Aluminum	1430	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Antimony	0.83	-	mg/kg	UJ
16-20596	0816-01-0259	0-1	QBT 3	Arsenic	0.34	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Barium	41	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Beryllium	0.36	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0259	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Cadmium	0.066	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Calcium	249	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chromium	1.2	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Copper	2.4	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0259	0-1	QBT 3	HMX	0.272	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Iron	6860	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Lead	2.6	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Magnesium	201	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Manganese	255	-	mg/kg	J-
16-20596	0816-01-0259	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nickel	1.4	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Potassium	341	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	RDX	1.14	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Selenium	0.3	-	mg/kg	J-
16-20596	0816-01-0259	0-1	QBT 3	Silver	0.48	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Sodium	151	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Thallium	0.062	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0259	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Vanadium	1.9	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Zinc	39.6	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Aluminum	1650	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Antimony	0.84	-	mg/kg	UJ
16-20596	0816-01-0260	0-1	QBT 3	Arsenic	0.47	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Barium	49.3	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Beryllium	0.36	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Cadmium	0.067	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Calcium	297	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0260	0-1	QBT 3	Chromium	10.4	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Cobalt	2.6	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	HMX	0.242	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Iron	7460	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Lead	2.8	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Magnesium	209	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Manganese	245	-	mg/kg	J-
16-20596	0816-01-0260	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0260	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nickel	1.4	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Potassium	266	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	RDX	1.04	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Selenium	0.36	-	mg/kg	J-
16-20596	0816-01-0260	0-1	QBT 3	Silver	0.6	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Sodium	149	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Thallium	0.06	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Vanadium	2.3	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Zinc	42.6	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U

Table .0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20665	0816-01-0261	0-1	QBT 4	Aluminum	1520	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Arsenic	0.12	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Barium	16.7	-	mg/kg	J+
16-20665	0816-01-0261	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Beryllium	0.33	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Cadmium	0.068	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Calcium	193	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chromium	1	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Cobalt	3.6	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Copper	2.2	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	HMX	0.248	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Iron	6210	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Lead	4.7	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Magnesium	201	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Manganese	164	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Mercury	0.18	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20665	0816-01-0261	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Potassium	253	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	RDX	0.138	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Selenium	0.21	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Sodium	61.3	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Thallium	0.15	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Vanadium	3.8	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Zinc	29	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Acenaphthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Acenaphthylene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Aluminum	12400	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Aniline	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Anthracene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Antimony	0.97	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Azobenzene	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20153	0816-01-0262	0-1	Fill	Barium	789	-	mg/kg	J+
16-20153	0816-01-0262	0-1	Fill	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzoic Acid	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzyl Alcohol	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Beryllium	1.2	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Cadmium	0.077	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Calcium	2350	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chromium	5.8	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chrysene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Copper	5.2	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dibenzofuran	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Diethylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20153	0816-01-0262	0-1	Fill	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Fluoranthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Fluorene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachlorobenzene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachloroethane	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	HMX	0.118	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Iron	11700	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Isophorone	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Lead	15.7	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Magnesium	1700	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Manganese	130	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Methylphenol[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Methylphenol[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Naphthalene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nickel	8.1	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Nitroaniline[2-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitroaniline[3-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitroaniline[4-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrobenzene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrobenzene	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrophenol[4-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrotoluene[3-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20153	0816-01-0262	0-1	Fill	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Pentachlorophenol	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Phenanthrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Phenol	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Potassium	1700	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Pyrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	RDX	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Selenium	0.24	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Silver	0.55	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Sodium	267	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Tetryl	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Thallium	0.48	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Vanadium	12.7	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Zinc	33.9	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Aluminum	1980	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Antimony	0.83	-	mg/kg	UJ
16-20595	0816-01-0263	0-1	QBT 3	Arsenic	0.33	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Barium	74.7	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0263	0-1	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Cadmium	0.066	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Calcium	437	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chromium	1.5	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Copper	2.2	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0263	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	HMX	0.393	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Iron	8100	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Lead	3.5	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Magnesium	284	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Manganese	319	-	mg/kg	J-
16-20595	0816-01-0263	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Potassium	254	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	RDX	0.881	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Selenium	0.42	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0263	0-1	QBT 3	Silver	0.55	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Sodium	135	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Thallium	0.063	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Zinc	44.8	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Aluminum	1850	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Antimony	0.84	-	mg/kg	UJ
16-20595	0816-01-0264	0-1	QBT 3	Arsenic	0.22	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Barium	69.5	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Cadmium	0.067	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Calcium	401	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0264	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chromium	1.6	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	HMX	0.752	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Iron	7920	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Lead	3.9	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0264	0-1	QBT 3	Magnesium	282	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Manganese	377	-	mg/kg	J-
16-20595	0816-01-0264	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Potassium	287	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	RDX	1.5	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Selenium	0.36	-	mg/kg	J-
16-20595	0816-01-0264	0-1	QBT 3	Silver	0.48	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Sodium	124	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Thallium	0.067	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0264	0-1	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Zinc	44.7	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Aluminum	1620	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Antimony	0.85	-	mg/kg	UJ
16-20598	0816-01-0265	0-1	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Barium	116	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Beryllium	0.38	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bromide	0.0809	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Calcium	242	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Chloride	17	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chromium	0.81	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Cobalt	1.4	-	mg/kg	J

Table ..3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0265	0-1	QBT 3	Copper	1.7	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Fluoride	4.19	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	HMX	0.448	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Iron	7580	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Lead	4	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Magnesium	185	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Manganese	372	-	mg/kg	J-
16-20598	0816-01-0265	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0265	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nickel	2.2	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Oxalate	0.971	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Perchlorate	0.0647	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Potassium	279	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	RDX	1.8	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Selenium	0.48	-	mg/kg	J-
16-20598	0816-01-0265	0-1	QBT 3	Silver	0.67	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Sodium	110	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Sulfate	9.73	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Thallium	0.043	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Vanadium	2.2	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Zinc	43.7	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Acenaphthene	0.37	-	mg/kg	UJ

Table ..6.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0266	2-3	QBT 3	Acenaphthylene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Aluminum	1340	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Aniline	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Anthracene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Arsenic	0.29	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Azobenzene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Barium	9.7	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Beryllium	0.6	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Bromide	0.0836	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Cadmium	0.09	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Calcium	278	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Chloride	14.2	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Chromium	1.1	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Chrysene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Copper	1.8	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dibenzofuran	0.37	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Diethylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Fluoranthene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Fluorene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Fluoride	4.43	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Hexachloroethane	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	HMX	0.39	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Iron	7570	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Isophorone	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Lead	3.1	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Magnesium	227	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Manganese	302	-	mg/kg	J-
16-20598	0816-01-0266	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Naphthalene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nickel	1.5	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	UJ

Table ...8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0266	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrobenzene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Oxalate	1.12	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Perchlorate	0.0668	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Phenanthrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Phenol	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Potassium	279	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Pyrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	RDX	1.25	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Selenium	0.27	-	mg/kg	J-
16-20598	0816-01-0266	2-3	QBT 3	Silver	0.51	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Sodium	110	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Sulfate	7.44	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Thallium	0.035	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Vanadium	2.2	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Zinc	43	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	210	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Acenaphthene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Acenaphthylene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Acetone	0.024	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Aldrin	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aluminum	11600	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Americium-241	-0.15	0.100	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aniline	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Anthracene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Antimony	0.26	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1016	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1221	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1232	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1242	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1248	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1254	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1260	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Arsenic	2.9	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Azobenzene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Barium	6630	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Benzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Benzyl Alcohol	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Beryllium	1.1	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	BHC[alpha-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	BHC[beta-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	BHC[delta-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	BHC[gamma-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bromobenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bromochloromethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bromodichloromethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bromoform	0.006	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Bromomethane	0.012	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Butanone[2-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzene[n-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzene[sec-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzene[tert-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Cadmium	0.018	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Calcium	706	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Carbon Disulfide	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Carbon Tetrachloride	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Cesium-134	0.004	0.043	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Cesium-137	-0.02	0.050	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Chlordane[alpha-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlordane[gamma-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Chlorobenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlorodibromomethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloroethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloroform	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloromethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Chlorotoluene[2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlorotoluene[4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chromium	5.8	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chrysene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Cobalt	4.7	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Cobalt-60	0.077	0.045	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Copper	5.8	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	D[2,4-]	0.095	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dalapon	0.048	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	DB[2,4-]	1.4	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	DDD[4,4'-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	DDE[4,4'-]	0.002	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	DDT[4,4'-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dibenzofuran	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dibromoethane[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dibromomethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dicamba	0.075	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethane[1,1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethane[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethene[1,1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethene[cis/trans-1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropane[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropane[1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropane[2,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropene[1,1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropene[cis-1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropene[trans-1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorprop	0.095	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dieldrin	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Diethylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dimethyl Phthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Di-n-butylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinoseb	5.4	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endosulfan I	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endosulfan II	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endrin	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endrin Aldehyde	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endrin Ketone	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Ethylbenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Europium-152	0.02	0.225	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Fluoranthene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Fluorene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Heptachlor	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	4.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzodioxins (Total)	4.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	3.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	4.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzofurans (Total)	3.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorobenzene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorobutadiene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.6E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxins (Total)	3.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.6E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,6,7,8-]	2.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,7,8,9-]	2.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[2,3,4,6,7,8-]	2.7E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofurans (Total)	2.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachloroethane	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexanone[2-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	HMX	0.34	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Iodomethane	0.006	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Iron	11800	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Isophorone	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Isopropylbenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Isopropyltoluene[4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Lead	7.5	-	mg/kg	J+
16-20006	0816-01-0289	0-0.5	Fill	Magnesium	1510	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Manganese	131	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	MCPA	9.5	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Mercury	0.037	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methylene Chloride	0.0011	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Naphthalene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nickel	5.6	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Nitroaniline[2-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitroaniline[4-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrobenzene	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrobenzene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrophenol[4-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	4.2E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	5.6E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzodioxin[1,2,3,7,8-]	9.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzodioxins (Total)	0.00096	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzofuran[1,2,3,7,8-]	0.00033	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzofuran[2,3,4,7,8-]	0.0003	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzofurans (Totals)	0.0003	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorophenol	1.9	-	mg/kg	U

Table ...3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Pentaerythritol tetranitrate [PETN	0.5	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Phenanthrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Phenol	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Potassium	1360	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Propylbenzene[1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pyrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	RDX	0.28	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Ruthenium-106	-0.71	0.405	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Selenium	0.31	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Silver	0.54	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Sodium	143	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Styrene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzodioxin[2,3,7,8-]	2.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzodioxins (Total)	2.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzofuran[2,3,7,8-]	6.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzofurans (Total)	6.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachloroethene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetryl	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Thallium	0.56	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Toluene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Toxaphene (Technical Grade)	0.08	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	TP[2,4,5-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Trichloroethane[1,1,1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichloroethane[1,1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichloroethene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichloropropane[1,2,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorotrifluoroethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trimethylbenzene[1,2,4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trimethylbenzene[1,3,5-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Uranium-234	0.73	0.090	pCi/g	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Uranium-235	0.037	0.018	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Uranium-238	0.85	0.105	pCi/g	None
16-20006	0816-01-0289	0-0.5	Fill	Vanadium	12	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Vinyl Chloride	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Xylene (Total)	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Zinc	31.3	-	mg/kg	None
16-20189	0816-01-0289	0-0.5	Fill	Asbestos	0	-	pct	U
16-20189	0816-01-0289	0-0.5	Fill	pH	7.6	-	su	None
16-20189	0816-01-0289	0-0.5	Fill	Sulfide, Reactive	5.3	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.4	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Acenaphthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Acenaphthylene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Acetone	0.014	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Aldrin	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aluminum	6510	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Americium-241	0.08	0.080	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.18	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.19	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aniline	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Anthracene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Antimony	0.38	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1016	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1221	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1232	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1242	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1248	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1254	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1260	0.061	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Arsenic	2.7	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Azobenzene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Barium	558	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Benzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzoic Acid	1.7	-	mg/kg	U

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Benzyl Alcohol	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Beryllium	0.78	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	BHC[alpha-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	BHC[beta-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	BHC[delta-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	BHC[gamma-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromobenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromochloromethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromodichloromethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromoform	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromomethane	0.01	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butanone[2-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzene[n-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzene[sec-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzene[tert-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Cadmium	0.016	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Calcium	1780	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Carbon Disulfide	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Carbon Tetrachloride	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Cesium-134	-0.036	0.048	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Cesium-137	0.089	0.049	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorobenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorodibromomethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloroethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloroform	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloromethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Chlorotoluene[2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorotoluene[4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chromium	6.8	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chrysene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Cobalt	3	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Cobalt-60	0.108	0.047	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Copper	7.3	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	D[2,4-]	0.084	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dalapon	0.042	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DB[2,4-]	0.13	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DDT[4,4'-]	0.0079	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibenzofuran	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibromoethane[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibromomethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dicamba	0.042	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorodifluoromethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethane[1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethane[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethene[1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethene[cis/trans-1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropane[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropane[1,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropane[2,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropene[1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropene[cis-1,3-]	0.0052	-	mg/kg	U

Table .0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropene[trans-1,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorprop	0.084	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dieldrin	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Diethylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinoseb	3.3	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endosulfan I	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endosulfan II	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endrin	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endrin Ketone	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Ethylbenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Europium-152	0.13	0.215	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Fluoranthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Fluorene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlor	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzodioxins (Total)	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	2.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	3.2E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzofurans (Total)	2.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorobenzene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	2.6E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	2.9E-05	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxins (Total)	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,7,8,9-]	1.9E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.8E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofurans (Total)	1.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachloroethane	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexanone[2-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	HMX	5.7	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Iodomethane	0.0052	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Iron	10400	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Isophorone	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Isopropylbenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Isopropyltoluene[4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Lead	8.9	-	mg/kg	J+
16-20004	0816-01-0293	0-0.5	Fill	Magnesium	1290	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Manganese	181	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	MCPA	8.4	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Mercury	0.02	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Methoxychlor[4,4'-]	0.0035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methyl-2-pentanone[4-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylene Chloride	0.00065	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylphenol[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylphenol[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Naphthalene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nickel	4.3	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Nitrobenzene	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrobenzene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrophenol[4-]	1.7	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U

Table ..8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	9.9E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.2E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzodioxin[1,2,3,7,8-]	6.8E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzodioxins (Total)	0.0013	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzofuran[1,2,3,7,8-]	0.00043	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzofuran[2,3,4,7,8-]	0.00039	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzofurans (Totals)	0.00039	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentaerythritol tetranitrate[ ]PETN	0.5	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Phenanthrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Phenol	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Potassium	988	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Propylbenzene[1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pyrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	RDX	0.74	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Ruthenium-106	-0.12	0.390	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Selenium	0.36	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Silver	0.48	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Sodium	102	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Styrene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzodioxin[2,3,7,8-]	2.3E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzodioxins (Total)	2.3E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzofuran[2,3,7,8-]	5.6E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzofurans (Total)	5.6E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachloroethene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetryl	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Thallium	0.16	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Toluene	0.001	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Toxaphene (Technical Grade)	0.07	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	TP[2,4,5-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Trichloroethane[1,1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichloroethane[1,1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichloroethene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorofluoromethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichloropropane[1,2,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorotrifluoroethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trimethylbenzene[1,2,4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trimethylbenzene[1,3,5-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Uranium-234	0.48	0.060	pCi/g	None
16-20004	0816-01-0293	0-0.5	Fill	Uranium-235	0.025	0.009	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Uranium-238	0.51	0.060	pCi/g	None
16-20004	0816-01-0293	0-0.5	Fill	Vanadium	12.2	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Vinyl Chloride	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Xylene (Total)	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Zinc	38.1	-	mg/kg	None
16-20316	0816-01-0293	0-0.5	Fill	Asbestos	0	-	pct	U
16-20316	0816-01-0293	0-0.5	Fill	pH	7.4	-	su	None
16-20316	0816-01-0293	0-0.5	Fill	Sulfide, Reactive	4.7	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	10	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Acenaphthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Acenaphthylene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Acetone	0.026	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Aldrin	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aluminum	9920	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Americium-241	0.23	0.110	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aniline	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Anthracene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Antimony	0.24	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1016	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1221	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1232	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1242	0.043	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1248	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1254	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1260	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Arsenic	3.6	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Asbestos	0	-	pct	U
16-20002	0816-01-0294	0-0.5	Fill	Azobenzene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Barium	310	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Benzene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzoic Acid	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzyl Alcohol	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Beryllium	0.94	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	BHC[alpha-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	BHC[beta-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	BHC[delta-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	BHC[gamma-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromobenzene	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Bromochloromethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromodichloromethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromoform	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromomethane	0.013	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Butanone[2-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzene[n-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzene[sec-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzene[tert-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Cadmium	0.016	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Calcium	2670	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Carbon Disulfide	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Carbon Tetrachloride	0.0066	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Cesium-134	0.019	0.048	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Cesium-137	0.55	0.085	pCi/g	None
16-20002	0816-01-0294	0-0.5	Fill	Chlordane[alpha-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlordane[gamma-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorobenzene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorodibromomethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloroethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloroform	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloromethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorotoluene[2-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Chlorotoluene[4-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Chromium	6.6	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chrysene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Cobalt	3.2	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Cobalt-60	0.02	0.055	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Copper	6.6	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	D[2,4-]	0.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dalapon	0.052	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DB[2,4-]	0.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DDD[4,4'-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DDE[4,4'-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DDT[4,4'-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibenzofuran	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.013	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Dibromoethane[1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibromomethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dicamba	0.052	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,2-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,3-]	0.0066	-	mg/kg	UJ

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,4-]	0.00097	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorodifluoromethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethane[1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethane[1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethene[1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethene[cis/trans-1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropane[1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropane[1,3-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropane[2,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropene[1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropene[cis-1,3-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropene[trans-1,3-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorprop	0.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dieldrin	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Diethylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrophenol[2,4-]	2.1	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinoseb	3.7	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endosulfan I	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endosulfan II	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endosulfan Sulfate	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endrin	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endrin Aldehyde	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endrin Ketone	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Ethylbenzene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Europium-152	0.16	0.245	pCi/g	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Fluoranthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Fluorene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlor	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlor Epoxide	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzodioxins (Total)	3.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.2E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	4.9E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzofurans (Total)	4.2E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorobenzene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	3.3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.9E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxins (Total)	2.9E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.6E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,7,8,9-]	1.8E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofurans (Total)	1.6E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachloroethane	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexanone[2-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	HMX	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Iodomethane	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Iron	12500	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Isophorone	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Isopropylbenzene	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Isopropyltoluene[4-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Lead	10.8	-	mg/kg	J+
16-20002	0816-01-0294	0-0.5	Fill	Magnesium	1710	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Manganese	224	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	MCPA	10	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Mercury	0.027	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Methoxychlor[4,4'-]	0.0043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methyl-2-pentanone[4-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methylene Chloride	0.00079	-	mg/kg	U

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methylphenol[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methylphenol[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Naphthalene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nickel	6	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Nitrobenzene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrobenzene	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrophenol[4-]	2.1	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3.5E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	8.1E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzodioxin[1,2,3,7,8-]	5.1E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzodioxins (Total)	0.0015	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzofuran[1,2,3,7,8-]	0.0005	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzofuran[2,3,4,7,8-]	0.00046	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzofurans (Totals)	0.00046	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorophenol	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentaerythritol tetranitrate[ ] PETN	0.5	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	pH	6.8	-	su	None
16-20002	0816-01-0294	0-0.5	Fill	Phenanthrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Phenol	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Potassium	1650	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Propylbenzene[1-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Pyrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	RDX	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Ruthenium-106	0.43	0.375	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Selenium	0.32	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Silver	0.49	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Sodium	90.1	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Styrene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Sulfide, Reactive	43.2	-	mg/kg	J-
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzodioxin[2,3,7,8-]	2.1E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzodioxins (Total)	2.1E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzofuran[2,3,7,8-]	6.3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzofurans (Total)	6.3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Tetrachloroethene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetryl	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Thallium	0.16	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Toluene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Toxaphene (Technical Grade)	0.088	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	TP[2,4,5-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloroethane[1,1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloroethane[1,1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloroethene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorofluoromethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloropropane[1,2,3-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Trichlorotrifluoroethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trimethylbenzene[1,2,4-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Trimethylbenzene[1,3,5-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Uranium-234	0.63	0.075	pCi/g	None
16-20002	0816-01-0294	0-0.5	Fill	Uranium-235	0.036	0.013	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Uranium-238	0.63	0.075	pCi/g	None
16-20002	0816-01-0294	0-0.5	Fill	Vanadium	14.5	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Vinyl Chloride	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Xylene (Total)	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Zinc	33.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Acetone	0.066	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aldrin	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aluminum	6650	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Americium-241	0.06	0.055	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.00025	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Antimony	0.93	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1260	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Arsenic	0.46	-	mg/kg	J-
16-20516	0816-01-0295	0-1	QBT 3	Asbestos	0	-	pct	U
16-20516	0816-01-0295	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Barium	39.1	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Benzene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Beryllium	1.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromobenzene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromochloromethane	0.006	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Bromodichloromethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromoform	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[n-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[sec-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[tert-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Calcium	1470	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Carbon Disulfide	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Carbon Tetrachloride	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-134	-0.006	0.032	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-137	-0.046	0.027	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[alpha-]	0.002		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[gamma-]	0.002		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroaniline[4-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorobenzene	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorodibromomethane	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroethane	0.012		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroform	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloromethane	0.012		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloronaphthalene[2-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenol[2-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[2-]	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[4-]	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chromium	3.6		mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Chromium hexavalent ion	0.48		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chrysene	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cobalt	2.1		mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cobalt-60	-0.025	0.041	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 3	Cyanide, Reactive	0.06	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dalapon	0.048	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromoethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromomethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dicamba	0.048	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorprop	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dieldrin	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan I	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin Aldehyde	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ethylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Europium-152	0.009	0.175	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	5.4E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofurans (Total)	4.6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4.3E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.8E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	3.8E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.5E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.3E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofurans (Total)	3.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	HMX	0.25	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Iodomethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isopropylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isopropyltoluene[4-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Lead	2.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Manganese	326	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Mercury	0.037	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylene Chloride	0.044	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.4E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	3.2E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00025	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00025	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	6.7E-05	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	6.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	6.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentaerythritol tetranitrate[ ] PETN	0.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	pH	7.4	-	NONE	None
16-20516	0816-01-0295	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Potassium	696	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Propylbenzene[1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pyrene	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	RDX	0.12	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ruthenium-106	0.44	0.250	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Selenium	0.24	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Sodium	157	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Styrene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	Sulfide, Reactive	5.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.2E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofurans (Total)	6.2E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Thallium	0.71	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Toluene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Toxaphene (Technical Grade)	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloropropane[1,2,3-]	0.006	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Trichlorotrifluoroethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Uranium-234	0.45	0.055	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Uranium-235	0.068	0.016	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Uranium-238	0.374	0.047	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Vanadium	8.9	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Vinyl Chloride	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Xylene (Total)	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Zinc	44.9	-	mg/kg	None
16-20516	0816-01-0297	2-3	QBT 3	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Acetone	0.05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Americium-241	-0.07	0.080	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aniline	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1260	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	Asbestos	0	-	pct	U
16-20516	0816-01-0297	2-3	QBT 3	Azobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzoic Acid	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Bromobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromochloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromodichloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromoform	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[n-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[sec-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[tert-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Carbon Disulfide	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Carbon Tetrachloride	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-134	-0.027	0.037	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-137	-0.021	0.033	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Chlorobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorodibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroform	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chrysene	0.39	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Cobalt-60	0.056	0.041	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dalapon	0.047	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dibenzofuran	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromoethane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dicamba	0.047	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorprop	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dieldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Diethylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan I	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Aldehyde	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Ethylbenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Europium-152	-0.11	0.160	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Fluorene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	7.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	7.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	9.6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	0.00011	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofurans (Total)	9.6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	0.00015	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	0.00017	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	0.00015	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	0.00015	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	0.00011	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	0.00013	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofurans (Total)	0.00011	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Hexachloroethane	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	HMX	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Iodomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isophorone	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Isopropylbenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isopropyltoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylene Chloride	0.025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Naphthalene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.00016	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00043	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00043	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	9.4E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	8.5E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	8.5E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Pentaerythritol tetranitrate[ ]PETN	0.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	pH	7.4	-	su	None
16-20516	0816-01-0297	2-3	QBT 3	Phenanthrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Propylbenzene[1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	RDX	0.1	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Ruthenium-106	-0.04	0.310	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Styrene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	Sulfide, Reactive	5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofurans (Total)	7.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toluene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toxaphene (Technical Grade)	0.079	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Uranium-234	0.51	0.060	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-235	0.03	0.012	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Uranium-238	0.47	0.060	pCi/g	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Vinyl Chloride	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Xylene (Total)	0.0059	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acetone	0.11	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aluminum	2680	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Americium-241	-0.15	0.100	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1016	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1221	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1232	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1242	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1248	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1254	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1260	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Arsenic	0.84	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 3	Asbestos	0	-	pct	U
16-20557	0816-01-0298	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Barium	487	-	mg/kg	J+
16-20557	0816-01-0298	0-1	QBT 4	Benzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	BHC[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[beta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[gamma-]	0.0018	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromochloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromodichloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromoform	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[n-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[sec-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[tert-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cadmium	0.24	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Calcium	585	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Carbon Disulfide	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Carbon Tetrachloride	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-134	-0.033	0.047	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-137	-0.024	0.043	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorodibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroform	0.0016	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chromium	1.8	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cobalt	2	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Cobalt-60	-0.12	0.055	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 3	Cyanide, Reactive	0.054	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	D[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dalapon	0.043	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DB[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromoethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dicamba	0.043	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorodifluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorprop	0.086	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dieldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinoseb	0.027	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Ketone	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Ethylbenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Europium-152	0.09	0.205	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	6.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.9E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofurans (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	6.5E-05	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	6.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofurans (Total)	5.7E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	HMX	0.29	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iodomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iron	7930	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Isopropylbenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Isopropyltoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Lead	3.8	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Magnesium	301	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Manganese	211	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	MCPA	8.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methoxychlor[4,4'-]	0.0036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methyl-2-pentanone[4-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylene Chloride	0.0042	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.1E-05	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00023	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00023	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	5.9E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	PETN	0.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 3	pH	5.8	-	NONE	None
16-20557	0816-01-0298	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Potassium	272	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Propylbenzene[1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	RDX	4.5	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Ruthenium-106	-0.05	0.390	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Sodium	72.9	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Styrene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 3	Sulfide, Reactive	24	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	T[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofurans (Totals)	6.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Thallium	1.4	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Toluene	0.00072	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Toxaphene (Technical Grade)	0.072	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	TP[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,2-]	0.0054	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorofluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloropropane[1,2,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorotrifluoroethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Uranium-234	0.71	0.095	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Uranium-235	0.049	0.019	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Uranium-238	0.42	0.065	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Vanadium	3.5	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Vinyl Chloride	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Xylene (Total)	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Zinc	36.2	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acetone	0.41	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aluminum	803	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Americium-241	0.01	0.055	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Antimony	0.83	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1016	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1221	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1232	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1242	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1248	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1254	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1260	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Arsenic	0.34	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Asbestos	0	-	pct	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Barium	277	-	mg/kg	J+
16-20557	0816-01-0299	2-3	QBT 3	Benzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	BHC[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[beta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromochloromethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromodichloromethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromoform	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[n-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[sec-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[tert-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Cadmium	0.14	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Calcium	275	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Carbon Disulfide	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Carbon Tetrachloride	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-134	-0.034	0.032	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-137	-0.001	0.028	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorodibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroform	0.0012	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chromium	0.67	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Cobalt	2.6	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cobalt-60	0.018	0.025	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cyanide, Reactive	0.053	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	D[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dalapon	0.042	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DB[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromoethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dicamba	0.042	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorodifluoromethane	0.011	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorprop	0.085	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dieldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinoseb	0.026	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin Ketone	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Ethylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Europium-152	0.22	0.150	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor Epoxide	0.0018	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofurans (Total)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	4.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	5.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	4.5E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	4.5E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofurans (Total)	3.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	HMX	0.2	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Iodomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Iron	6370	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isopropylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isopropyltoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Lead	2.8	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Magnesium	115	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Manganese	254	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	MCPA	8.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methoxychlor[4,4'-]	0.0035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methyl-2-pentanone[4-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylene Chloride	0.0037	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Nickel	3.5	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	6.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	9.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00034	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00034	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	6.9E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	6.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	6.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	PETN	0.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	pH	6.4	-	NONE	None
16-20557	0816-01-0299	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Potassium	247	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Propylbenzene[1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	RDX	2	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Ruthenium-106	0.27	0.245	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Sodium	88.8	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Styrene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Sulfide, Reactive	23.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	T[2,4,5-]	0.021	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofurans (Totals)	7.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Thallium	0.25	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Toluene	0.00059	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Toxaphene (Technical Grade)	0.071	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	TP[2,4,5-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.026	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorofluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorotrifluoroethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Uranium-234	0.52	0.065	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-235	0.061	0.016	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-238	0.51	0.065	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Vanadium	1.3	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Vinyl Chloride	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Xylene (Total)	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Zinc	35.3	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Aluminum	1210	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0300	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Barium	9	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Beryllium	0.29	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Cadmium	0.13	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Calcium	199	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chromium	1.2	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Cobalt	3	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Copper	0.94	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0300	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Iron	7550	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Lead	2.6	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Magnesium	280	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Manganese	230	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nickel	1.6	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0300	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Potassium	252	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Selenium	0.39	-	mg/kg	J-
16-20553	0816-01-0300	0-1	QBT 3	Silver	0.51	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Sodium	111	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Thallium	1.1	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Vanadium	2.7	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Zinc	42.3	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Aluminum	1120	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Antimony	0.86	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Arsenic	0.13	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Barium	10.2	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0301	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Beryllium	0.28	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Calcium	217	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chromium	0.97	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Cobalt	8.3	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Copper	1.3	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Iron	7820	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Lead	2.7	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Magnesium	264	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Manganese	253	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U

Table ..3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0301	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Potassium	290	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20553	0816-01-0301	0-1	QBT 3	Silver	0.51	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Sodium	116	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Thallium	0.27	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Vanadium	2.5	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Zinc	43.6	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Aluminum	3740	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Arsenic	0.9	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Barium	552	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromide	0.0814	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Calcium	617	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chloride	30.3	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chromium	2.9	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Fluoride	0.915	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	HMX	0.275	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Iron	9850	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Lead	4.4	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Magnesium	568	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Manganese	315	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nickel	2.6	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxalate	0.977	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Perchlorate	0.0651	-	mg/kg	UJ
16-20557	0816-01-0302	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Potassium	423	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	RDX	4.68	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Selenium	0.26	-	mg/kg	J-
16-20557	0816-01-0302	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Sodium	117	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Sulfate	5.3	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Thallium	0.24	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Vanadium	5.8	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Zinc	42	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Aluminum	984	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Arsenic	0.27	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Barium	295	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Beryllium	0.45	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bromide	0.0813	-	mg/kg	U

Table ..0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Cadmium	0.68	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Calcium	384	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Chloride	25.7	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chromium	0.75	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Copper	2.6	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluoride	0.853	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	HMX	0.301	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Iron	8150	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Lead	3.5	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Magnesium	174	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Manganese	347	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nickel	2.7	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Oxalate	0.975	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Perchlorate	0.065	-	mg/kg	UJ
16-20557	0816-01-0303	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Potassium	252	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	RDX	3.51	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Selenium	0.52	-	mg/kg	J-
16-20557	0816-01-0303	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Sodium	103	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Sulfate	2.37	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Thallium	0.17	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Vanadium	2.4	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Zinc	41.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Aluminum	13400	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Arsenic	2.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Barium	76.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Beryllium	3.3	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Bromide	0.958	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0304	0-1	QBT 4	Cadmium	0.73	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Calcium	2700	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Chloride	24.5	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chromium	14.4	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Cobalt	8.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Copper	6.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Fluoride	3.35	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

...cation ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0304	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	HMX	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Iron	17900	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Lead	6.5	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Magnesium	3600	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Manganese	199	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Mercury	0.024	-	mg/kg	J
16-20373	0816-01-0304	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nickel	9.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Oxalate	6.62	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Perchlorate	0.232	-	mg/kg	J-
16-20373	0816-01-0304	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Potassium	2090	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	RDX	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Selenium	1.4	-	mg/kg	J-
16-20373	0816-01-0304	0-1	QBT 4	Silver	1	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0304	0-1	QBT 4	Sodium	346	-	mg/kg	J
16-20373	0816-01-0304	0-1	QBT 4	Sulfate	67	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Thallium	0.31	-	mg/kg	J
16-20373	0816-01-0304	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Vanadium	21.9	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Zinc	51.8	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Aluminum	5780	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Anthracene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Arsenic	0.63	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Barium	42.3	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Beryllium	0.88	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Bromide	0.574	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Cadmium	0.12	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Calcium	1630	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0305	0-1	QBT 4	Chloride	40.5	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chromium	11.9	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Chrysene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Cobalt	4	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Copper	4.1	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Fluorene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Fluoride	2.82	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	HMX	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0305	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Iron	14900	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Isophorone	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Lead	4.6	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Magnesium	2340	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Manganese	475	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nickel	5.8	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Oxalate	7.49	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Perchlorate	0.242	-	mg/kg	J-
16-20413	0816-01-0305	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Phenol	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Potassium	1500	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Pyrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	RDX	0.272	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Selenium	0.47	-	mg/kg	J-
16-20413	0816-01-0305	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Sodium	305	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Sulfate	56.9	-	mg/kg	None

Table ..3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0305	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Thallium	0.24	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Vanadium	17	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Zinc	65.6	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Aluminum	2770	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.122	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.0926	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Arsenic	0.61	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Barium	2110	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Beryllium	0.36	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.12	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Cadmium	1.1	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Calcium	649	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20551	0816-01-0306	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chromium	3.1	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Cobalt	5.8	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Copper	12	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	HMX	5.74	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Iron	7780	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Lead	12.6	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Magnesium	528	-	mg/kg	J

Table ..0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20551	0816-01-0306	0-1	QBT 3	Manganese	202	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nickel	2.8	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Potassium	572	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	RDX	7.37	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Selenium	0.34	-	mg/kg	J-
16-20551	0816-01-0306	0-1	QBT 3	Silver	1.7	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Sodium	98.4	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Thallium	0.14	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.124	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Vanadium	4.1	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20551	0816-01-0306	0-1	QBT 3	Zinc	62.2	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Aluminum	10600	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.55	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.882	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Antimony	0.97	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Arsenic	5.6	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Barium	6980	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Bromide	0.44	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Cadmium	0.24	-	mg/kg	J
16-20454	0816-01-0307	0-1	QBT 4	Calcium	1040	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Chloride	19.9	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chromium	6.7	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Cobalt	151	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0307	0-1	QBT 4	Copper	5	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Fluoride	9.64	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	HMX	2.23	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Iron	19000	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Lead	8.1	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Magnesium	1270	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Manganese	165	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Mercury	0.063	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0307	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nickel	6.6	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Oxalate	1.57	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Perchlorate	0.73	-	mg/kg	UJ
16-20454	0816-01-0307	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Potassium	1000	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	RDX	7.06	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Selenium	0.54	-	mg/kg	J-
16-20454	0816-01-0307	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Sodium	182	-	mg/kg	J
16-20454	0816-01-0307	0-1	QBT 4	Sulfate	14.3	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Thallium	0.24	-	mg/kg	J
16-20454	0816-01-0307	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Vanadium	15.3	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Zinc	43.4	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20632	0816-01-0308	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Aluminum	1320	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Antimony	0.88	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Barium	41	-	mg/kg	J+
16-20632	0816-01-0308	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Beryllium	0.4	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Calcium	211	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chromium	1	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Copper	1.2	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	HMX	0.512	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Iron	7520	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Lead	1.5	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Magnesium	157	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Manganese	164	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nickel	1.5	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20632	0816-01-0308	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Potassium	262	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	RDX	1.8	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Sodium	79.7	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Thallium	0.098	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Vanadium	1.9	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Zinc	43	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Aluminum	1820	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Arsenic	0.32	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0309	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Barium	7.6	-	mg/kg	J+
16-20664	0816-01-0309	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Beryllium	0.38	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Calcium	181	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chromium	0.93	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Cobalt	8.5	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Copper	1.6	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0309	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Iron	6790	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Magnesium	135	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Manganese	127	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nickel	2.4	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0309	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Potassium	252	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Sodium	59.7	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Thallium	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Vanadium	3	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Zinc	38.7	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Aluminum	2240	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Barium	9.2	-	mg/kg	J+
16-20664	0816-01-0310	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0310	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Beryllium	0.4	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Calcium	220	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chromium	1.2	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Cobalt	8.7	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Copper	1.6	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0310	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Iron	7060	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Lead	2.5	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Magnesium	176	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Manganese	127	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nickel	2.4	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Potassium	253	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0310	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Sodium	65.6	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Thallium	0.066	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Vanadium	3.4	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Zinc	31.5	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Aluminum	4230	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Antimony	0.88	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Arsenic	0.68	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Barium	12.7	-	mg/kg	J+
16-20663	0816-01-0311	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20663	0816-01-0311	0-1	QBT 3	Calcium	583	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chromium	2.5	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Copper	2.4	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	HMX	0.0899	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20663	0816-01-0311	0-1	QBT 3	Iron	8100	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Lead	3.3	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Magnesium	329	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Manganese	248	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nickel	3.2	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Potassium	391	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Sodium	66.9	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Thallium	0.079	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20663	0816-01-0311	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Vanadium	3.8	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Zinc	41.3	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Aluminum	3720	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Antimony	0.89	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Arsenic	0.53	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Barium	26.3	-	mg/kg	J+
16-20626	0816-01-0312	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Beryllium	0.9	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Cadmium	0.071	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Calcium	463	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chromium	2.3	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20626	0816-01-0312	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Cobalt	0.99	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Copper	2.7	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	HMX	0.692	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Iron	7670	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Lead	2.3	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Magnesium	370	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Manganese	193	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20626	0816-01-0312	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nickel	1.7	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Potassium	426	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	RDX	0.574	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Selenium	0.24	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Sodium	63.7	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Thallium	0.028	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Zinc	38.2	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Aluminum	4560	-	mg/kg	None

Table .0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0313	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Antimony	0.86	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Arsenic	0.13	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Barium	11.3	-	mg/kg	J+
16-20662	0816-01-0313	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Beryllium	0.44	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bromide	0.0809	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Calcium	364	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Chloride	12.5	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chromium	2.7	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Cobalt	2.7	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Copper	2.5	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Fluoride	0.35	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	HMX	0.429	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Iron	7740	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Lead	22.4	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Magnesium	390	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Manganese	177	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nickel	3	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0313	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Oxalate	0.971	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Perchlorate	0.0647	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Potassium	391	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	RDX	0.36	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Sodium	78.6	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Sulfate	224	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Thallium	0.032	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Vanadium	3.6	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Zinc	44.8	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Aluminum	3060	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0314	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Antimony	0.89	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Barium	23	-	mg/kg	J+
16-20662	0816-01-0314	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Beryllium	0.8	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Bromide	0.0853	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Cadmium	5.7	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Calcium	324	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Chloride	14.6	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chromium	2.1	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Cobalt	66.8	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Copper	2.6	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Fluoride	1.37	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	HMX	0.224	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Iron	6670	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Lead	20.4	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Magnesium	274	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Manganese	380	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nickel	3.2	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0314	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Oxalate	1.02	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Perchlorate	0.0683	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Potassium	265	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	RDX	0.313	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Selenium	0.31	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Silver	0.51	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Sodium	92.6	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Sulfate	158	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Thallium	0.043	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Vanadium	2.3	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Zinc	50.5	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Aluminum	2740	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20669	0816-01-0315	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Barium	22.6	-	mg/kg	J+
16-20669	0816-01-0315	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Beryllium	0.63	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bromide	0.0851	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Calcium	230	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Chloride	12.6	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chromium	1.7	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Cobalt	3.7	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20669	0816-01-0315	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Fluoride	3.05	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	HMX	0.139	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Iron	7700	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Lead	2.1	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Magnesium	249	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Manganese	259	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nickel	3.4	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20669	0816-01-0315	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Oxalate	0.785	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Perchlorate	0.0681	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Potassium	267	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	RDX	0.155	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Sodium	90.1	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Sulfate	7.78	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Thallium	0.014	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Vanadium	3.6	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Zinc	39.3	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Aluminum	1030	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Antimony	0.89	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Arsenic	0.17	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0316	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Barium	14.2	-	mg/kg	J+
16-20590	0816-01-0316	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Beryllium	0.26	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Cadmium	0.46	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Calcium	337	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chromium	1.6	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Cobalt	2.2	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0316	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	HMX	0.476	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Iron	5310	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Magnesium	164	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Manganese	207	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nickel	3.5	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0316	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Potassium	267	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	RDX	2.13	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Sodium	119	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Thallium	0.013	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Vanadium	1.6	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Zinc	34	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Aluminum	1260	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Antimony	0.9	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Barium	7.5	-	mg/kg	J+
16-20590	0816-01-0317	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U

Table ..8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0317	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Beryllium	0.46	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Calcium	324	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chromium	1.7	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Cobalt	2	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Copper	1.7	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0317	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	HMX	0.327	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Iron	6620	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Lead	2.7	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Magnesium	224	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Manganese	221	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nickel	2	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Potassium	293	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0317	2-3	QBT 3	RDX	2.26	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Selenium	0.23	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Sodium	127	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Thallium	0.013	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Vanadium	2.3	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Zinc	41.2	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Aluminum	885	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Antimony	0.87	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Arsenic	0.18	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Barium	25.7	-	mg/kg	J+
16-20591	0816-01-0318	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Beryllium	0.29	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Cadmium	0.11	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20591	0816-01-0318	0-1	QBT 3	Calcium	263	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chromium	1.1	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Cobalt	2.4	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Copper	1.9	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	HMX	0.243	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U

Table ..3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20591	0816-01-0318	0-1	QBT 3	Iron	6580	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Lead	3.2	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Magnesium	129	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Manganese	369	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Potassium	257	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	RDX	2.12	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Sodium	92.8	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20591	0816-01-0318	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Vanadium	1.1	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Zinc	44.4	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Aluminum	4390	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Antimony	0.91	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Arsenic	0.81	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Barium	408	-	mg/kg	J+
16-20629	0816-01-0319	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Beryllium	0.45	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Cadmium	0.094	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Calcium	510	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chromium	1.9	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20629	0816-01-0319	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Cobalt	10.5	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Copper	2.5	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	HMX	0.841	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Iron	8530	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Lead	4.1	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Magnesium	461	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Manganese	212	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20629	0816-01-0319	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nickel	4	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Potassium	270	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	RDX	1.56	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Sodium	110	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Thallium	0.036	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Vanadium	5	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Zinc	37.8	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Acenaphthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Acenaphthylene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Aluminum	2270	-	mg/kg	None

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0320	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Aniline	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Anthracene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Antimony	0.96	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Arsenic	1.1	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Azobenzene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Barium	20	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzoic Acid	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzyl Alcohol	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Beryllium	0.6	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Bromide	0.479	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Cadmium	1.1	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Calcium	466	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Chloride	14.8	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chromium	2.8	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chrysene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Cobalt	30.2	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Copper	2.2	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dibenzofuran	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Diethylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Fluoranthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Fluorene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Fluoride	0.433	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Hexachlorobenzene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Hexachloroethane	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	HMX	0.131	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Iron	7110	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Isophorone	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Lead	2.6	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Magnesium	292	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Manganese	169	-	mg/kg	J-
16-20625	0816-01-0320	0-1	QBT 3	Mercury	0.021	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Methylphenol[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Methylphenol[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Naphthalene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nickel	3.2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitroaniline[2-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitroaniline[3-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0320	0-1	QBT 3	Nitroaniline[4-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrobenzene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrophenol[4-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Oxalate	1.03	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Pentachlorophenol	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Perchlorate	0.0687	-	mg/kg	UJ
16-20625	0816-01-0320	0-1	QBT 3	Phenanthrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Phenol	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Potassium	286	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Pyrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	RDX	0.44	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Selenium	0.3	-	mg/kg	J-
16-20625	0816-01-0320	0-1	QBT 3	Silver	0.55	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Sodium	85.8	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Sulfate	194	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Thallium	1.2	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Vanadium	4	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Zinc	39.9	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Aluminum	2900	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0321	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Antimony	0.9	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Arsenic	0.85	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Barium	12.2	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Beryllium	0.72	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Bromide	0.618	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Cadmium	3.6	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Calcium	573	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Chloride	15.9	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chromium	1.7	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Cobalt	2.1	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Fluoride	0.44	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	HMX	0.239	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Iron	7480	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Lead	2.2	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Magnesium	285	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Manganese	201	-	mg/kg	J-
16-20625	0816-01-0321	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nickel	2.9	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0321	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Oxalate	1.04	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Perchlorate	0.069	-	mg/kg	UJ
16-20625	0816-01-0321	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Potassium	292	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	RDX	1.03	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20625	0816-01-0321	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Sodium	108	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Sulfate	188	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Thallium	0.53	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Vanadium	2.7	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Zinc	46.2	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Aluminum	2140	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20624	0816-01-0322	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Arsenic	0.75	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Barium	6.1	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Beryllium	0.41	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Cadmium	0.83	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Calcium	300	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chromium	1.2	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Cobalt	1.4	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20624	0816-01-0322	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	HMX	0.292	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Iron	7160	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Lead	1.9	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Magnesium	227	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Manganese	204	-	mg/kg	J-
16-20624	0816-01-0322	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nickel	2.7	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20624	0816-01-0322	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Potassium	266	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	RDX	0.136	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Selenium	0.25	-	mg/kg	J-
16-20624	0816-01-0322	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Sodium	79.5	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Thallium	0.36	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Vanadium	2.6	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Zinc	37.1	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Aluminum	2470	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Antimony	0.86	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Arsenic	0.89	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Barium	384	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20706	0816-01-0323	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Beryllium	0.33	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bromide	0.0817	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Cadmium	0.8	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Calcium	395	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Chloride	11.6	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chromium	1.6	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Cobalt	2.1	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Fluoride	3.41	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	HMX	0.26	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Iron	6790	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Magnesium	225	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Manganese	140	-	mg/kg	J-
16-20706	0816-01-0323	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nickel	1.8	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Oxalate	1.76	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20706	0816-01-0323	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Perchlorate	0.0653	-	mg/kg	UJ
16-20706	0816-01-0323	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Potassium	255	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	RDX	0.768	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20706	0816-01-0323	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Sodium	65	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Sulfate	3.78	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Thallium	0.26	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Vanadium	2.5	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Zinc	37.8	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aluminum	3930	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.061	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Arsenic	0.58	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Barium	14.7	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U

Table ..0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Beryllium	0.97	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cadmium	0.72	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Calcium	676	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloride	15.6	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium	2.1	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Copper	7.9	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoride	1.96	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	HMX	0.5	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Iron	8890	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Lead	3	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Magnesium	556	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Manganese	280	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nickel	2.9	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxalate	0.904	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U

Table .3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Perchlorate	0.0643	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Potassium	495	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	RDX	4.8	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Selenium	0.31	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	Silver	0.52	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sodium	99.7	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sulfate	6	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Thallium	0.06	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Vanadium	5.1	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Zinc	41.6	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aluminum	4640	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.048	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Arsenic	0.66	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Barium	22.1	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Beryllium	1.3	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromide	0.0763	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cadmium	0.18	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Calcium	956	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloride	12.7	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium	3.2	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Copper	8.1	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U

Table ..6.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoride	2.55	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	HMX	0.55	-	mg/kg	J-
16-20526	0816-01-0325	27.3-28.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Iron	9330	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Lead	3.5	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Magnesium	684	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Manganese	315	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nickel	4.9	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxalate	0.481	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Perchlorate	0.122	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Potassium	598	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	RDX	4.3	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Selenium	0.34	-	mg/kg	J-
16-20526	0816-01-0325	27.3-28.3	QBT 3	Silver	0.59	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sodium	102	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sulfate	8.27	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Thallium	0.4	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Vanadium	5.9	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Zinc	39.8	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aluminum	2130	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Barium	413	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromide	0.0751	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cadmium	0.091	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Calcium	399	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloride	16.2	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium	1.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Copper	7.8	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluorene	0.33	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoride	1.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	HMX	0.24	-	mg/kg	J-
16-20526	0816-01-0326	53.5-54.5	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Iron	9010	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Lead	4.7	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Magnesium	391	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Manganese	357	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nickel	2.1	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxalate	0.901	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Potassium	402	-	mg/kg	J

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	RDX	2.8	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20526	0816-01-0326	53.5-54.5	QBT 3	Silver	0.45	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sodium	105	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sulfate	1.58	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Thallium	0.23	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Vanadium	4.6	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Zinc	41.9	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aluminum	1900	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Arsenic	0.46	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Barium	715	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromide	0.239	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cadmium	0.088	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Calcium	349	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloride	49.8	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium	1.4	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cobalt	2.3	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Copper	13	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.036	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoride	0.492	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0327	18.7-19.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Iron	6800	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Lead	5.2	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Magnesium	326	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nickel	2.6	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxalate	0.885	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Perchlorate	0.0604	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Potassium	347	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	RDX	3.9	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20557	0816-01-0327	18.7-19.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sodium	104	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sulfate	1.1	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Thallium	0.18	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrobenzene[1,3,5-]	0.13	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Vanadium	3.7	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Zinc	34.7	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Aluminum	1390	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Antimony	0.796	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Barium	6.6	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Cadmium	0.063	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Calcium	366	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Chloride	32.3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Copper	2.4	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluoride	1.27	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Iron	7730	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Lead	4.3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Magnesium	262	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nickel	1.5	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Oxalate	0.902	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Potassium	254	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0328	66-67	QBT 3	Silver	0.45	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Sodium	113	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Sulfate	12.3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Thallium	0.13	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trinitrobenzene[1,3,5-]	0.047	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Zinc	37.1	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aluminum	656	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Barium	6.4	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Beryllium	0.62	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Calcium	342	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloride	35.1	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium	0.9	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cobalt	0.75	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Copper	3	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoride	0.855	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	HMX	0.25	-	mg/kg	UJ

Table E.3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Iron	6390	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Magnesium	198	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Manganese	292	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nickel	1.7	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxalate	2.17	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Perchlorate	0.0849	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Potassium	264	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0329	52.6-53.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sodium	202	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sulfate	6.85	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrobenzene[1,3,5-]	0.12	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Vanadium	2.2	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Zinc	35.2	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Aluminum	7010	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.157	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.177	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Arsenic	2.2	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Barium	2120	-	mg/kg	J+
16-20630	0816-01-0330	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Beryllium	0.7	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.1	-	mg/kg	J
16-20630	0816-01-0330	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Cadmium	0.092	-	mg/kg	J
16-20630	0816-01-0330	0-1	QBT 3	Calcium	1900	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20630	0816-01-0330	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chromium	5.7	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Cobalt	6.6	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Copper	15.2	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	HMX	1.63	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Iron	10600	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Lead	21.3	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Magnesium	1150	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20630	0816-01-0330	0-1	QBT 3	Manganese	250	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Mercury	0.091	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nickel	6.5	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Potassium	777	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	RDX	3.46	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Sodium	85.5	-	mg/kg	J
16-20630	0816-01-0330	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Thallium	0.09	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Vanadium	16.9	-	mg/kg	None

Table [illegible].0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20630	0816-01-0330	0-1	QBT 3	Zinc	57.9	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Aluminum	8370	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.0908	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.0818	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Antimony	1.4	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Arsenic	2.4	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Barium	1430	-	mg/kg	J+
16-20628	0816-01-0332	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Cadmium	0.16	-	mg/kg	J
16-20628	0816-01-0332	0-1	QBT 3	Calcium	4420	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chromium	8.1	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Cobalt	6.5	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Copper	34	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20628	0816-01-0332	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	HMX	2.98	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Iron	11600	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Lead	38.9	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Magnesium	1540	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Manganese	309	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Mercury	0.22	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nickel	12.5	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20628	0816-01-0332	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Potassium	1060	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	RDX	1.99	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Silver	1.8	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Sodium	166	-	mg/kg	J
16-20628	0816-01-0332	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Thallium	0.12	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Vanadium	20.3	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Zinc	118	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aluminum	1420	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Anthracene	0.33	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Barium	406	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Beryllium	1	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cadmium	0.63	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Calcium	361	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloride	29.7	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Copper	2.7	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U

Table ..0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoride	0.914	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Iron	7340	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Lead	3.9	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Magnesium	273	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Manganese	233	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nickel	1.4	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxalate	1.3	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Perchlorate	0.0576	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Potassium	350	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Selenium	0.2	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sodium	131	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sulfate	2.44	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Thallium	0.099	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrobenzene[1,3,5-]	0.14	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Zinc	38.2	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aluminum	718	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Arsenic	0.2	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Barium	773	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Calcium	239	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloride	47.4	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium	0.68	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Copper	2.6	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.053	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoride	0.971	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0334	11.7-12.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Iron	7070	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Magnesium	189	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Manganese	259	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nickel	1.3	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxalate	0.308	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Potassium	291	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	RDX	2.5	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0334	11.7-12.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sodium	143	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sulfate	0.437	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrobenzene[1,3,5-]	0.088	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrotoluene[2,4,6-]	0.041	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Vanadium	2	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Zinc	38.9	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Aluminum	3350	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Arsenic	0.95	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Barium	19.6	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Beryllium	0.56	-	mg/kg	J-
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cadmium	0.073	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Calcium	766	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium	1.3	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cobalt	1	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Copper	2.5	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	HMX	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Iron	5960	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Magnesium	450	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Manganese	259	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nickel	2	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Potassium	352	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Selenium	0.32	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Silver	0.14	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Sodium	117	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Thallium	0.066	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Vanadium	4	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Zinc	27	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Aluminum	1760	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0336	8.8-9.5	QBT 3	Arsenic	0.85	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Beryllium	0.37	-	mg/kg	J-
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cadmium	0.041	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Calcium	503	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium	0.66	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cobalt	0.4	-	mg/kg	J

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0336	8.8-9.5	QBT 3	Copper	2.1	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	HMX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Iron	5760	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Magnesium	337	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Manganese	196	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nickel	0.89	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Potassium	219	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Selenium	0.27	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Silver	0.097	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Sodium	99.7	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Thallium	0.062	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Zinc	26.1	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Aluminum	792	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Antimony	0.02	-	mg/kg	UJ
16-20554	0816-01-0337	47.5-48.1	QBT 3	Arsenic	0.51	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Barium	8.9	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Beryllium	0.43	-	mg/kg	J-
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cadmium	0.034	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Calcium	252	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium	0.94	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cobalt	0.35	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Copper	1.9	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Iron	4130	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Magnesium	92.8	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Manganese	208	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nickel	0.86	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Potassium	169	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Selenium	0.25	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Silver	0.056	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Sodium	114	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Vanadium	2.6	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Zinc	23.3	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Aluminum	2110	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0338	76.1-76.8	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Barium	17.7	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Beryllium	0.99	-	mg/kg	J-
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Calcium	509	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium	1.1	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cobalt	0.7	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Copper	1.6	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Iron	5430	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Magnesium	313	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Manganese	285	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nickel	1.1	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Potassium	279	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Selenium	0.35	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Silver	0.058	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Sodium	80.6	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Vanadium	1.9	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Zinc	29.6	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Aluminum	1800	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0339	41.5-42.2	QBT 3	Arsenic	0.64	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Barium	10.2	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Beryllium	0.5	-	mg/kg	J-
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cadmium	0.04	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Calcium	414	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium	0.81	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cobalt	0.61	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Copper	1.9	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Iron	6020	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Magnesium	282	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Manganese	211	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nickel	0.9	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Potassium	231	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Selenium	0.24	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Silver	0.062	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Sodium	117	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Vanadium	2.3	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Zinc	29.3	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Aluminum	2110	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0351	19.7-20.3	QBT 3	Arsenic	0.65	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Barium	10.1	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Beryllium	0.97	-	mg/kg	J-
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Calcium	400	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium	0.74	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cobalt	0.47	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Copper	2.3	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0351	19.7-20.3	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Iron	5740	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Magnesium	241	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Manganese	213	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nickel	0.87	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Potassium	238	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Selenium	0.38	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Silver	0.29	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Sodium	104	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Zinc	30	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Aluminum	7460	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Antimony	0.091	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Arsenic	1.5	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Barium	1700	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	0816-01-0352	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Beryllium	0.55	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Cadmium	0.11	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Calcium	1620	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chromium	4.4	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Cobalt	1.7	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Copper	5.5	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	0816-01-0352	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	HMX	0.18	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Iron	10200	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Lead	12	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Magnesium	1140	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Manganese	140	-	mg/kg	J+
16-20240	0816-01-0352	0-1	ALLH	Mercury	0.037	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nickel	3.5	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Potassium	903	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Pyrene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	0816-01-0352	0-1	ALLH	RDX	0.49	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Selenium	0.2	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Silver	1.1	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Sodium	156	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Thallium	0.29	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Vanadium	7.5	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Zinc	38.3	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Acenaphthene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Acenaphthylene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Aluminum	4540	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.1	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Aniline	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Anthracene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Antimony	0.22	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Arsenic	0.61	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Azobenzene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Barium	651	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Benzyl Alcohol	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Beryllium	0.52	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.16	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Cadmium	0.1	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Calcium	1970	-	mg/kg	None

Table 3.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277E	0816-01-0354	0-1	Fill	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chromium	3.6	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chrysene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Cobalt	1.1	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Copper	8.3	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dibenzofuran	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Diethylphthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Fluoranthene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Fluorene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachlorobenzene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachloroethane	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	HMX	2.4	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Iron	7030	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277E	0816-01-0354	0-1	Fill	Isophorone	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Lead	9.8	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Magnesium	691	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Manganese	172	-	mg/kg	J+
16-20277E	0816-01-0354	0-1	Fill	Mercury	0.022	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Methylphenol[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Methylphenol[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Naphthalene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nickel	2.5	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrobenzene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Phenanthrene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Phenol	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Potassium	749	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Pyrene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	RDX	3.6	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Selenium	0.14	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Silver	0.019	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Sodium	50.5	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Thallium	0.13	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277E	0816-01-0354	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Vanadium	4.8	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Zinc	47.7	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Aluminum	2090	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Antimony	0.22	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Arsenic	0.39	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Barium	1030	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Beryllium	0.65	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Cadmium	0.062	-	mg/kg	J
16-20241	0816-01-0357	0-1	QBT 4	Calcium	1000	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chromium	3.6	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0357	0-1	QBT 4	Cobalt	1	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Copper	3.1	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Iron	9340	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Lead	1.6	-	mg/kg	J
16-20241	0816-01-0357	0-1	QBT 4	Magnesium	842	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Manganese	192	-	mg/kg	J+
16-20241	0816-01-0357	0-1	QBT 4	Mercury	0.037	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0357	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nickel	2.7	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Perchlorate	0.15	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Potassium	608	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	RDX	2.3	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Selenium	0.35	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Silver	0.22	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Sodium	158	-	mg/kg	J
16-20241	0816-01-0357	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Thallium	0.055	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Vanadium	4.1	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Zinc	39.6	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Aluminum	2390	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0358	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Antimony	0.22	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Arsenic	0.39	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Barium	1040	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Beryllium	0.71	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Cadmium	0.048	-	mg/kg	J
16-20241	0816-01-0358	0-1	QBT 4	Calcium	818	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chromium	4.2	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Cobalt	0.91	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Copper	2.5	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Iron	9310	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Lead	1.5	-	mg/kg	J
16-20241	0816-01-0358	0-1	QBT 4	Magnesium	948	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Manganese	145	-	mg/kg	J+
16-20241	0816-01-0358	0-1	QBT 4	Mercury	0.037	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nickel	2.5	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0358	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Perchlorate	0.15	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Potassium	698	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	RDX	1.7	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Selenium	0.39	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Silver	0.22	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Sodium	153	-	mg/kg	J
16-20241	0816-01-0358	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Thallium	0.043	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Vanadium	4.1	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Zinc	40.2	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Aluminum	2870	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Antimony	0.22	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Arsenic	0.32	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	0816-01-0359	0-1	QBT 4	Barium	342	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Beryllium	0.47	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Cadmium	0.049	-	mg/kg	J
16-20278	0816-01-0359	0-1	QBT 4	Calcium	1300	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chromium	3.6	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Cobalt	0.9	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Copper	2.5	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	0816-01-0359	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Iron	8650	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Lead	2.1	-	mg/kg	J
16-20278	0816-01-0359	0-1	QBT 4	Magnesium	738	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Manganese	144	-	mg/kg	J+
16-20278	0816-01-0359	0-1	QBT 4	Mercury	0.037	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nickel	2	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	0816-01-0359	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Potassium	565	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	RDX	0.95	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Selenium	0.28	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Silver	0.22	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Sodium	149	-	mg/kg	J
16-20278	0816-01-0359	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Thallium	0.035	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Vanadium	4.1	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Zinc	45	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Aluminum	3270	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Antimony	0.23	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Arsenic	0.42	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Barium	196	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20386	0816-01-0360	0-1	QBT 4	Beryllium	0.51	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Cadmium	0.048	-	mg/kg	J
16-20386	0816-01-0360	0-1	QBT 4	Calcium	1250	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chromium	4.1	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Cobalt	0.97	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Copper	2.9	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20386	0816-01-0360	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Iron	9180	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Lead	3.6	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Magnesium	636	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Manganese	168	-	mg/kg	J+
16-20386	0816-01-0360	0-1	QBT 4	Mercury	0.039	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nickel	2.1	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Potassium	421	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	RDX	0.33	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20386	0816-01-0360	0-1	QBT 4	Selenium	0.24	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Silver	0.23	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20386	0816-01-0360	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Thallium	0.12	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Vanadium	4.3	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Zinc	38.5	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Acenaphthene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Acenaphthylene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Aluminum	3530	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Aniline	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Anthracene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Antimony	0.21	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Arsenic	1.2	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Azobenzene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Barium	251	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Benzo(a)pyrene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzo(b)fluoranthene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzo(g,h,i)perylene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzo(k)fluoranthene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Benzyl Alcohol	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Beryllium	0.51	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Cadmium	0.059	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Calcium	1550	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20314	0816-01-0361	0-1	Fill	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chromium	4	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chrysene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Cobalt	1.2	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Copper	2.9	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dibenzofuran	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Diethylphthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Di-n-octylphthalate	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Fluoranthene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Fluorene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachlorobenzene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachloroethane	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	HMX	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Iron	11800	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20314	0816-01-0361	0-1	Fill	Isophorone	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Lead	5.1	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Magnesium	930	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Manganese	216	-	mg/kg	J+
16-20314	0816-01-0361	0-1	Fill	Mercury	0.019	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Methylphenol[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Methylphenol[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Naphthalene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nickel	2.7	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrobenzene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrobenzene	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Phenanthrene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Phenol	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Potassium	541	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Pyrene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	RDX	0.14	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Selenium	0.3	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Silver	0.21	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Sodium	138	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Tetryl	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Thallium	0.07	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20314	0816-01-0361	0-1	Fill	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Vanadium	6	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Zinc	54	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Aluminum	3310	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Antimony	0.51	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Arsenic	0.22	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Barium	56.4	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Beryllium	0.33	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Cadmium	0.087	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Calcium	822	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chromium	3.6	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chrysene	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-02-0001	0-1	Fill	Cobalt	0.93	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Copper	2.1	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	HMX	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Iron	7190	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Lead	9.1	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Magnesium	599	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Manganese	224	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Mercury	0.037	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-02-0001	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nickel	1.7	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrobenzene	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Potassium	445	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	RDX	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Selenium	0.1	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Silver	0.18	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Sodium	152	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Tetryl	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Thallium	0.32	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Vanadium	2.9	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Zinc	34.8	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Aluminum	2040	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20204	RE16-02-44943	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Antimony	0.25	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Arsenic	0.61	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Barium	12.8	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Cadmium	0.044	-	mg/kg	J
16-20204	RE16-02-44943	0-1	QBT 4	Calcium	728	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chromium	2.3	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Cobalt	21.7	-	mg/kg	J-
16-20204	RE16-02-44943	0-1	QBT 4	Copper	2.2	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20204	RE16-02-44943	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Iron	7270	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Lead	8.2	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Magnesium	599	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Manganese	130	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Mercury	0.041	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nickel	1.7	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20204	RE16-02-44943	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Potassium	544	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Selenium	0.26	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Silver	0.53	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Sodium	262	-	mg/kg	J
16-20204	RE16-02-44943	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Vanadium	3.3	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Zinc	32.9	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Aluminum	4680	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Aniline	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Anthracene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Antimony	0.21	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Arsenic	0.85	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Azobenzene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Barium	113	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Beryllium	0.59	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Cadmium	0.048	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Calcium	1330	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chromium	5.3	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J-
16-20278	RE16-02-44944	0-1	QBT 4	Copper	2.6	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachloroethane	0.34	-	mg/kg	UJ
16-20278	RE16-02-44944	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Iron	9700	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Lead	3.3	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Magnesium	1240	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Manganese	170	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nickel	2.7	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	RE16-02-44944	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Phenol	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Potassium	768	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Selenium	0.33	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Silver	0.12	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Sodium	184	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Thallium	0.11	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Vanadium	6.8	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Zinc	36.4	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Aluminum	3210	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Antimony	0.25	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Arsenic	0.57	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Barium	136	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Beryllium	0.38	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44945	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Cadmium	0.046	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Calcium	807	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Cobalt	5.6	-	mg/kg	J-
16-20205	RE16-02-44945	0-1	QBT 4	Copper	2.8	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U

Table ..0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44945	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20205	RE16-02-44945	0-1	QBT 4	HMX	0.62	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Iron	8480	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Lead	3.5	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Magnesium	906	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Manganese	208	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nickel	2.2	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Potassium	673	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	RDX	3	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Selenium	0.14	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Silver	0.43	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44945	0-1	QBT 4	Sodium	184	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Thallium	0.093	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Vanadium	4.6	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Zinc	38.8	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Aluminum	3000	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Antimony	0.25	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Arsenic	0.56	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Barium	136	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Beryllium	0.38	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Cadmium	0.037	-	mg/kg	J
16-20205	RE16-02-44946	0-1	QBT 4	Calcium	823	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44946	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Cobalt	5.9	-	mg/kg	J-
16-20205	RE16-02-44946	0-1	QBT 4	Copper	2.3	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20205	RE16-02-44946	0-1	QBT 4	HMX	0.66	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Iron	8510	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Lead	3.7	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44946	0-1	QBT 4	Magnesium	921	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Manganese	188	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Mercury	0.042	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nickel	2.1	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Potassium	700	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	RDX	3.2	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Selenium	0.21	-	mg/kg	J
16-20205	RE16-02-44946	0-1	QBT 4	Silver	0.46	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Sodium	190	-	mg/kg	J
16-20205	RE16-02-44946	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Thallium	0.065	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44946	0-1	QBT 4	Vanadium	4.9	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Zinc	39.9	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Aluminum	3020	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Antimony	0.24	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Arsenic	0.58	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Barium	17.2	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Beryllium	0.66	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Cadmium	0.044	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Calcium	977	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Cobalt	2.6	-	mg/kg	J-
16-20206	RE16-02-44947	0-1	QBT 4	Copper	2.6	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44947	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	UJ
16-20206	RE16-02-44947	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Iron	7950	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Lead	2.3	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Magnesium	900	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Manganese	184	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Mercury	0.041	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nickel	2.1	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44947	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Potassium	516	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Selenium	0.15	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Silver	0.16	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Sodium	231	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Thallium	0.072	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Vanadium	4.4	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Zinc	27.7	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Acenaphthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Acenaphthylene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Aluminum	6790	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Aniline	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20238	RE16-02-44948	0-1	ALLH	Anthracene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Antimony	0.23	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Arsenic	1.9	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Azobenzene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Barium	527	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzyl Alcohol	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Beryllium	0.59	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Cadmium	0.056	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Calcium	1680	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chromium	7.2	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chrysene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Cobalt	1.7	-	mg/kg	J-
16-20238	RE16-02-44948	0-1	ALLH	Copper	3.4	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dibenzofuran	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Diethylphthalate	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20238	RE16-02-44948	0-1	ALLH	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Fluoranthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Fluorene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachlorobenzene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachloroethane	0.38	-	mg/kg	UJ
16-20238	RE16-02-44948	0-1	ALLH	HMX	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Iron	10600	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Isophorone	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Lead	16.4	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Magnesium	1830	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Manganese	179	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Mercury	0.038	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Methylphenol[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Methylphenol[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Naphthalene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nickel	3.5	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrobenzene	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrobenzene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20238	RE16-02-44948	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Phenanthrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Phenol	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Potassium	1150	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Pyrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	RDX	0.56	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Selenium	0.18	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Silver	0.14	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Sodium	271	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Tetryl	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Thallium	0.32	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Vanadium	9.8	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Zinc	43	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Aluminum	2630	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Aniline	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Anthracene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Antimony	0.24	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Arsenic	0.44	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Barium	27.6	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	RE16-02-44949	0-1	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Beryllium	0.37	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Cadmium	0.04	-	mg/kg	J
16-20240	RE16-02-44949	0-1	ALLH	Calcium	911	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chromium	2.8	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chrysene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Cobalt	2.6	-	mg/kg	J-
16-20240	RE16-02-44949	0-1	ALLH	Copper	1.6	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Fluorene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20240	RE16-02-44949	0-1	ALLH	HMX	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Iron	7000	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Isophorone	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Lead	5.5	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Magnesium	515	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Manganese	135	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Mercury	0.04	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nickel	1.7	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Phenanthrene	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	RE16-02-44949	0-1	ALLH	Phenol	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Potassium	604	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Pyrene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	RDX	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Selenium	0.16	-	mg/kg	J
16-20240	RE16-02-44949	0-1	ALLH	Silver	0.12	-	mg/kg	J
16-20240	RE16-02-44949	0-1	ALLH	Sodium	342	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Tetryl	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Thallium	0.081	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Vanadium	2.9	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Zinc	29	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Aluminum	3430	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Antimony	0.21	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Arsenic	1.9	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Barium	463	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44950	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Cadmium	0.092	-	mg/kg	J
16-20206	RE16-02-44950	0-1	QBT 4	Calcium	1090	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Cobalt	1.4	-	mg/kg	J-
16-20206	RE16-02-44950	0-1	QBT 4	Copper	3.6	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44950	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	UJ
16-20206	RE16-02-44950	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Iron	9980	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Lead	5.6	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Magnesium	1010	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Manganese	277	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Mercury	0.035	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nickel	2.7	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Potassium	583	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	RDX	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Selenium	0.21	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Silver	0.16	-	mg/kg	J
16-20206	RE16-02-44950	0-1	QBT 4	Sodium	156	-	mg/kg	J
16-20206	RE16-02-44950	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44950	0-1	QBT 4	Thallium	0.089	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Vanadium	4.9	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Zinc	29.1	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Aluminum	2130	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Antimony	0.24	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Arsenic	1.4	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Barium	81.2	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Cadmium	0.036	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Calcium	907	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U

Table D.d.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20242	RE16-02-44951	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Cobalt	41.3	-	mg/kg	J-
16-20242	RE16-02-44951	0-1	QBT 4	Copper	5.5	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	UJ
16-20242	RE16-02-44951	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Iron	10800	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Lead	1.5	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Magnesium	975	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Manganese	169	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20242	RE16-02-44951	0-1	QBT 4	Mercury	0.04	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nickel	2.7	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Potassium	600	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	RDX	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Selenium	0.17	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Silver	4.6	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Thallium	0.037	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Vanadium	5.8	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Zinc	27.9	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20276	RE16-02-44952	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Aluminum	6000	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Antimony	0.23	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Arsenic	1.4	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Barium	439	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Beryllium	0.53	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Cadmium	0.052	-	mg/kg	J
16-20276	RE16-02-44952	0-1	QBT 4	Calcium	1630	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chromium	5.1	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J-
16-20276	RE16-02-44952	0-1	QBT 4	Copper	3.1	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	UJ
16-20276	RE16-02-44952	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Iron	9690	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Lead	8.2	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Magnesium	1320	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Manganese	133	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Mercury	0.038	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nickel	2.8	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20276	RE16-02-44952	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Potassium	769	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	RDX	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Selenium	0.26	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Silver	0.15	-	mg/kg	J
16-20276	RE16-02-44952	0-1	QBT 4	Sodium	185	-	mg/kg	J
16-20276	RE16-02-44952	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Thallium	0.11	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Vanadium	7.2	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Zinc	36.2	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Aluminum	3100	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Aniline	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Anthracene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Antimony	0.21	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277	RE16-02-44953	0-1	QBT 4	Arsenic	0.33	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Azobenzene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Barium	105	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzoic Acid	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Beryllium	0.59	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Cadmium	0.06	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Calcium	1940	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chromium	4.3	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J-
16-20277	RE16-02-44953	0-1	QBT 4	Copper	2.9	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277	RE16-02-44953	0-1	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachloroethane	0.34	-	mg/kg	UJ
16-20277	RE16-02-44953	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Iron	8670	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Lead	3.3	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Magnesium	1680	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Manganese	228	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nickel	3.4	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277	RE16-02-44953	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Phenol	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Potassium	1110	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Selenium	0.33	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Silver	0.075	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Sodium	251	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Thallium	0.05	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Vanadium	5.7	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Zinc	42.6	-	mg/kg	None
16-20205	RE16-02-44954	0-1	QBT 4	Perchlorate	0.0617	-	mg/kg	U
16-20205	RE16-02-45007	0-1	QBT 4	Perchlorate	0.0618	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Aluminum	9990	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Antimony	0.24	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	Arsenic	2.1	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Barium	97.3	-	mg/kg	J-
16-20379	RE16-02-45435	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20379	RE16-02-45435	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Beryllium	0.66	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Cadmium	0.044	-	mg/kg	J
16-20379	RE16-02-45435	0-1	Fill	Calcium	1890	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chromium	8.1	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Cobalt	3.7	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Copper	5.4	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Iron	11600	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Isophorone	0.38	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	Lead	11.3	-	mg/kg	J+
16-20379	RE16-02-45435	0-1	Fill	Magnesium	1440	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Manganese	190	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Mercury	0.039	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nickel	6.1	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U

Table .0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20379	RE16-02-45435	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Potassium	903	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Selenium	0.24	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	Silver	0.13	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Sodium	134	-	mg/kg	J
16-20379	RE16-02-45435	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Thallium	0.2	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Vanadium	18.7	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Zinc	20	-	mg/kg	J-
16-20670	RE16-02-45436	0-1	QBT 3	Acenaphthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Acenaphthylene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Aluminum	6130	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.2	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Aniline	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Anthracene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Antimony	0.28	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Arsenic	1.2	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Azobenzene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Barium	2920	-	mg/kg	J-
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzyl Alcohol	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Beryllium	0.47	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.11	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20670	RE16-02-45436	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Cadmium	0.22	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Calcium	1590	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chloroaniline[4-]	0.34	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chromium	7.5	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chrysene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Cobalt	2.1	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Copper	23.4	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dibenzofuran	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Diethylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Fluoranthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Fluorene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Hexachlorobenzene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20670	RE16-02-45436	0-1	QBT 3	Hexachloroethane	0.34	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	HMX	5.1	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Iron	9680	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Isophorone	0.34	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	Lead	24.1	-	mg/kg	J+
16-20670	RE16-02-45436	0-1	QBT 3	Magnesium	1330	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Manganese	225	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Mercury	0.025	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Methylphenol[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Methylphenol[4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Naphthalene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nickel	4	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrobenzene	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrobenzene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Phenanthrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Phenol	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Potassium	980	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Pyrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	RDX	18	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Selenium	0.21	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	Silver	1.4	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Sodium	141	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Tetryl	0.26	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20670	RE16-02-45436	0-1	QBT 3	Thallium	0.21	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.55	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Vanadium	11.1	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Zinc	90.8	-	mg/kg	J-
16-20268	RE16-02-45437	0-1	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Aluminum	5540	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.088	-	mg/kg	J
16-20268	RE16-02-45437	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.074	-	mg/kg	J
16-20268	RE16-02-45437	0-1	ALLH	Aniline	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Anthracene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Antimony	0.24	-	mg/kg	UJ
16-20268	RE16-02-45437	0-1	ALLH	Arsenic	0.83	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Barium	358	-	mg/kg	J-
16-20268	RE16-02-45437	0-1	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Beryllium	0.62	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Cadmium	0.15	-	mg/kg	J
16-20268	RE16-02-45437	0-1	ALLH	Calcium	1490	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20268	RE16-02-45437	0-1	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20268	RE16-02-45437	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chromium	4.5	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chrysene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Cobalt	2	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Copper	4.9	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Fluorene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20268	RE16-02-45437	0-1	ALLH	HMX	1.4	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Iron	10300	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Isophorone	0.39	-	mg/kg	UJ
16-20268	RE16-02-45437	0-1	ALLH	Lead	7.3	-	mg/kg	J+
16-20268	RE16-02-45437	0-1	ALLH	Magnesium	2110	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Manganese	407	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20268	RE16-02-45437	0-1	ALLH	Mercury	0.041	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nickel	4.8	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Phenol	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Potassium	1420	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Pyrene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	RDX	2.9	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Selenium	0.15	-	mg/kg	J-
16-20268	RE16-02-45437	0-1	ALLH	Silver	0.18	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Sodium	371	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Tetryl	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Thallium	0.16	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Vanadium	7.6	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Zinc	43	-	mg/kg	J-

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20232	RE16-02-45438	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Aluminum	7010	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.98	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	1.1	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Antimony	0.62	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Arsenic	1.7	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Barium	3850	-	mg/kg	J-
16-20232	RE16-02-45438	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Beryllium	0.55	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.28	-	mg/kg	J
16-20232	RE16-02-45438	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Cadmium	0.24	-	mg/kg	J
16-20232	RE16-02-45438	0-1	ALLH	Calcium	3410	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chromium	5.9	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Cobalt	2.6	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Copper	28.9	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,4-]	0.096	-	mg/kg	J
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	HMX	16	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Iron	9090	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Isophorone	0.37	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	Lead	30.3	-	mg/kg	J+
16-20232	RE16-02-45438	0-1	ALLH	Magnesium	1140	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Manganese	213	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Mercury	0.066	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nickel	4.5	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20232	RE16-02-45438	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Potassium	801	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	RDX	36	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	Silver	1.6	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Sodium	205	-	mg/kg	J
16-20232	RE16-02-45438	0-1	ALLH	Tetryl	0.13	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Thallium	0.19	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.45	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Vanadium	9.5	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Zinc	90.5	-	mg/kg	J-
16-20742	RE16-02-45439	0-1	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Aluminum	5400	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Aniline	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Antimony	0.3	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45439	0-1	ALLH	Arsenic	1.1	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Barium	2750	-	mg/kg	J-
16-20742	RE16-02-45439	0-1	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Beryllium	0.4	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.12	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Cadmium	0.12	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Calcium	1120	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20742	RE16-02-45439	0-1	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chromium	5	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chrysene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Cobalt	1.5	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Copper	13.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45439	0-1	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Fluorene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachloroethane	0.35	-	mg/kg	UJ
16-20742	RE16-02-45439	0-1	ALLH	HMX	2.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Iron	7740	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Isophorone	0.35	-	mg/kg	UJ
16-20742	RE16-02-45439	0-1	ALLH	Lead	15.6	-	mg/kg	J+
16-20742	RE16-02-45439	0-1	ALLH	Magnesium	743	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Manganese	154	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Mercury	0.024	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nickel	3.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45439	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Perchlorate	0.0529	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Phenol	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Potassium	668	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	RDX	2.7	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20742	RE16-02-45439	0-1	ALLH	Silver	7.8	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Sodium	121	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Thallium	0.14	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trinitrotoluene[2,4,6-]	1.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Vanadium	8.3	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Zinc	39.7	-	mg/kg	J-
16-20742	RE16-02-45440	0-1	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Aluminum	4970	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.38	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Aniline	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Antimony	0.25	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Arsenic	2.1	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Barium	2670	-	mg/kg	J-
16-20742	RE16-02-45440	0-1	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45440	0-1	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Beryllium	0.46	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.18	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Cadmium	0.12	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Calcium	1130	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chromium	5.8	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chrysene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Cobalt	1.9	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Copper	9.7	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Fluorene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Hexachloroethane	0.35	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	HMX	3.3	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Iron	9330	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Isophorone	0.35	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	Lead	16.3	-	mg/kg	J+
16-20742	RE16-02-45440	0-1	ALLH	Magnesium	743	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Manganese	196	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Mercury	0.024	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nickel	3.1	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Perchlorate	0.0534	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Phenanthrene	0.35	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45440	0-1	ALLH	Phenol	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Potassium	639	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	RDX	1.2	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	Silver	1.4	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Sodium	122	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Thallium	0.15	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trinitrotoluene[2,4,6-]	1.2	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Vanadium	12.5	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Zinc	39.3	-	mg/kg	J-
16-20742	RE16-02-45441	2-3	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Aluminum	5620	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.21	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.14	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Aniline	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Antimony	0.46	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Arsenic	1.8	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Barium	1440	-	mg/kg	J-
16-20742	RE16-02-45441	2-3	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Beryllium	0.46	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45441	2-3	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Cadmium	0.068	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Calcium	837	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chromium	7.1	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chrysene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Cobalt	25	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Copper	11.6	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Fluorene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45441	2-3	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	HMX	0.56	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Iron	9260	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Isophorone	0.39	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	Lead	10.7	-	mg/kg	J+
16-20742	RE16-02-45441	2-3	ALLH	Magnesium	873	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Manganese	252	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Mercury	0.023	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nickel	4.2	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Perchlorate	0.058	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Phenol	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Potassium	688	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	RDX	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	Silver	9.7	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Sodium	137	-	mg/kg	J

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45441	2-3	ALLH	Tetryl	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Thallium	0.13	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Vanadium	9.6	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Zinc	45	-	mg/kg	J-
16-20742	RE16-02-45442	2-3	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Aluminum	5840	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.1	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Aniline	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Antimony	0.18	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Arsenic	1.6	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Barium	1540	-	mg/kg	J-
16-20742	RE16-02-45442	2-3	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Beryllium	0.46	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Cadmium	0.062	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Calcium	872	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45442	2-3	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chromium	6.9	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chrysene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Cobalt	44.7	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Copper	14.7	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Fluorene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	HMX	0.61	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Iron	8810	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Isophorone	0.39	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	Lead	9.7	-	mg/kg	J+
16-20742	RE16-02-45442	2-3	ALLH	Magnesium	718	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45442	2-3	ALLH	Manganese	194	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Mercury	0.04	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nickel	4.3	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Perchlorate	0.059	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Phenol	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Potassium	679	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	RDX	0.11	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Selenium	0.24	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	Silver	15.8	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Sodium	132	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Tetryl	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Thallium	0.11	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45442	2-3	ALLH	Vanadium	8.3	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Zinc	42.8	-	mg/kg	J-
16-20599	RE16-02-45443	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Aluminum	6330	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.087	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Antimony	0.14	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Arsenic	1.4	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Barium	1170	-	mg/kg	J-
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Cadmium	0.091	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Calcium	990	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chromium	3.9	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Cobalt	3.7	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Copper	8.5	-	mg/kg	None

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20599	RE16-02-45443	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	HMX	0.31	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Iron	9620	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Isophorone	0.37	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	Lead	9.3	-	mg/kg	J+
16-20599	RE16-02-45443	0-1	QBT 3	Magnesium	1390	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Manganese	321	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Mercury	0.037	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nickel	3	-	mg/kg	None

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20599	RE16-02-45443	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Potassium	1080	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	RDX	0.21	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	Silver	0.35	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Sodium	176	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Thallium	0.13	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Vanadium	9.2	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Zinc	49.3	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Acenaphthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Acenaphthylene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Acetone	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Aluminum	3910	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Aniline	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Anthracene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Antimony	0.25	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Arsenic	0.68	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Azobenzene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Barium	21.8	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Benzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzoic Acid	0.22	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Benzyl Alcohol	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Beryllium	0.34	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Bromobenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromochloromethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromodichloromethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromoform	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromomethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Butanone[2-]	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzene[n-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzene[sec-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzene[tert-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Cadmium	0.051	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Calcium	847	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Carbon Disulfide	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Carbon Tetrachloride	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorobenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chlorodibromomethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloroethane	0.013	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Chloroform	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloromethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorotoluene[2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chlorotoluene[4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chromium	2.6	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chrysene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Cobalt	0.87	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Copper	2.6	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dibenzofuran	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dibromo-3-Chloropropane[1,2-]	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dibromoethane[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dibromomethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorodifluoromethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethane[1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethane[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethene[1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethene[cis/trans-1,2-]	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropane[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropane[1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropane[2,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropene[1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropene[cis-1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropene[trans-1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Diethylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dimethyl Phthalate	0.42	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Ethylbenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Fluoranthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Fluorene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachlorobenzene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachloroethane	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexanone[2-]	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	HMX	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Iodomethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Iron	6770	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Isophorone	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Isopropylbenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Isopropyltoluene[4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Lead	4.5	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Magnesium	702	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Manganese	30.9	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Mercury	0.042	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methyl-2-pentanone[4-]	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Methylene Chloride	0.017	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methylphenol[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methylphenol[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Naphthalene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nickel	1.9	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Nitroaniline[2-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitroaniline[3-]	2	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrobenzene	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrobenzene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Phenanthrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Phenol	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Potassium	822	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Propylbenzene[1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Pyrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	RDX	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Selenium	0.22	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Silver	0.029	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Sodium	191	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Styrene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetrachloroethane[1,1,1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetrachloroethane[1,1,2,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetrachloroethene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetryl	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Thallium	0.14	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Toluene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Trichloroethane[1,1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichloroethane[1,1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichloroethene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichlorofluoromethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Trichloropropane[1,2,3-]	0.0063	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Trimethylbenzene[1,2,4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trimethylbenzene[1,3,5-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Vanadium	5.8	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Vinyl Chloride	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Xylene (Total)	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Zinc	32.5	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Acetone	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Aluminum	5340	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Aniline	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Anthracene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Antimony	0.23	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Arsenic	1.4	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Barium	178	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Benzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzoic Acid	0.27	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Beryllium	0.5	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Bromobenzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromochloromethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromodichloromethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromoform	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromomethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Butanone[2-]	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzene[n-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzene[sec-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzene[tert-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Cadmium	0.11	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Calcium	1630	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Carbon Disulfide	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Carbon Tetrachloride	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorobenzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorodibromomethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloroethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloroform	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloromethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorotoluene[2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorotoluene[4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chromium	3	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chrysene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Cobalt	2	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Copper	3.5	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dibromoethane[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dibromomethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorodifluoromethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethane[1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethane[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethene[1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethene[cis/trans-1,2-]	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropane[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropane[1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropane[2,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropene[1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropene[cis-1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropene[trans-1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Ethylbenzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Fluorene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachloroethane	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexanone[2-]	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	HMX	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Iodomethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Iron	6290	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Isophorone	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Isopropylbenzene	0.0058	-	mg/kg	UJ

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Isopropyltoluene[4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Lead	9.8	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Magnesium	1010	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Manganese	149	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Mercury	0.039	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methyl-2-pentanone[4-]	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Methylene Chloride	0.013	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nickel	2.7	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrobenzene	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Phenol	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Potassium	1120	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Propylbenzene[1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Pyrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	RDX	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Selenium	0.23	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Silver	0.066	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Sodium	146	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Styrene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Tetrachloroethane[1,1,1,2-]	0.0058	-	mg/kg	UJ

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Tetrachloroethane[1,1,2,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Tetrachloroethene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Tetryl	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Thallium	0.22	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Toluene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloroethane[1,1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloroethane[1,1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloroethene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorofluoromethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloropropane[1,2,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trimethylbenzene[1,2,4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trimethylbenzene[1,3,5-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Vanadium	8.3	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Vinyl Chloride	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Xylene (Total)	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Zinc	272	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Aluminum	1970	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Arsenic	0.63	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Barium	15.4	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cadmium	0.035	-	mg/kg	J
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Calcium	788	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium	1.7	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cobalt	0.52	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Copper	2	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45791	0.9-1.7	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Iron	6720	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Lead	8.4	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Magnesium	595	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Manganese	126	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Potassium	472	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Selenium	0.33	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Sodium	301	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Thallium	0.23	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Vanadium	2.6	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Zinc	24.6	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Aluminum	2220	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Arsenic	0.6	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Barium	31	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Beryllium	0.49	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cadmium	0.087	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Calcium	1230	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium	3.1	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cobalt	0.96	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Copper	5.4	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45792	17.7-18.5	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Iron	7270	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Lead	6.5	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Magnesium	987	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Manganese	256	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nickel	2.7	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Potassium	638	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Selenium	0.18	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Sodium	290	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Thallium	0.16	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Vanadium	4	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Zinc	27.1	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Aluminum	2120	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Arsenic	0.83	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Barium	13.1	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Beryllium	0.82	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cadmium	0.063	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Calcium	576	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium	1.2	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cobalt	0.65	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Copper	4	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45793	61.7-62.4	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Iron	6470	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Lead	2.5	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Magnesium	407	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Manganese	198	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Potassium	278	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Selenium	0.26	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Sodium	146	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Thallium	0.074	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Zinc	30.9	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Aluminum	1210	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Arsenic	0.79	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Barium	14.5	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Beryllium	0.56	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cadmium	0.058	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Calcium	397	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium	0.81	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cobalt	0.54	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Copper	2.3	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45794	105.3-106.1	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Iron	6200	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Lead	3.2	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Magnesium	299	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Manganese	306	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nickel	1.5	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Potassium	251	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Selenium	0.15	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Sodium	107	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Thallium	0.042	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Zinc	35.2	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Aluminum	766	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Arsenic	0.44	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Barium	9.3	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cadmium	0.088	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Calcium	410	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium	0.51	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cobalt	0.41	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Copper	5	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-46406	42.4-42.9	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Iron	6150	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Lead	2	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Magnesium	196	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Manganese	209	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nickel	0.79	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Potassium	175	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Selenium	0.13	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Silver	0.093	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Sodium	176	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Thallium	0.21	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Vanadium	1.7	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Zinc	31.3	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Aluminum	1800	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Arsenic	0.6	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Barium	6.3	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Beryllium	0.68	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cadmium	0.045	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Calcium	419	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium	0.96	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Copper	1.7	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	RE16-02-46407	47.2-47.9	QBT 3	HMX	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Iron	10600	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Lead	3	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Magnesium	304	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Manganese	154	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nickel	1.1	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Potassium	293	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	RDX	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Selenium	0.17	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Silver	0.059	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Sodium	120	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Thallium	0.14	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Vanadium	3.8	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Zinc	41.2	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Aluminum	940	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Beryllium	0.42	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cadmium	0.05	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Calcium	305	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium	1.3	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Copper	1.7	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	RE16-02-46408	35.9-36.5	QBT 3	HMX	0.29	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Iron	7210	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Lead	3.6	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Magnesium	328	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Manganese	364	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Potassium	299	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	RDX	2.7	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Silver	0.073	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Sodium	181	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Thallium	0.088	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Vanadium	2.1	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Zinc	42.7	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Aluminum	1380	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Arsenic	0.71	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Barium	5.2	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Cadmium	0.044	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Calcium	578	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium	0.85	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Cobalt	0.71	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Copper	3.3	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Table B.8.0-2
Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	RE16-02-46409	47-47.5	QBT 3	HMX	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Iron	7390	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Lead	2.7	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Magnesium	302	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Manganese	301	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nickel	1.3	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Potassium	204	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Selenium	0.17	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Silver	0.04	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Sodium	219	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Thallium	0.069	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrobenzene[1,3,5-]	0.2	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Vanadium	3.4	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Zinc	36.8	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Aluminum	2950	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Arsenic	0.81	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Barium	8.2	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Cadmium	0.043	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Calcium	568	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium	1.3	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Cobalt	0.87	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Copper	2.6	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U

Analytical Results of All Soil and Tuff Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	RE16-02-46410	10.5-11	QBT 3	HMX	0.39	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Iron	8390	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Lead	2.1	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Magnesium	423	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Manganese	288	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nickel	1.8	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Potassium	380	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	RDX	3.8	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Selenium	0.12	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Silver	0.042	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Sodium	110	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Thallium	0.064	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Vanadium	4.3	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Zinc	39.2	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Aluminum	1970	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Aluminum	2890	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Aluminum	1210	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Aluminum	2220	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Aluminum	6130	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Aluminum	766	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Aluminum	2120	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Antimony	0.99	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Arsenic	0.63	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Arsenic	0.79	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Arsenic	0.6	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Arsenic	0.44	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Arsenic	0.83	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Barium	15.4	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Barium	30.9	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Barium	14.5	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Barium	31	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Barium	21.5	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Barium	9.3000002	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Barium	13.1	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Beryllium	0.48	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Beryllium	0.56	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Beryllium	0.49	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Beryllium	0.82	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U

Table ...8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cadmium	0.035	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cadmium	0.058	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cadmium	0.087	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cadmium	0.088	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cadmium	0.063	-	mg/kg	J
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Calcium	788	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Calcium	944	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Calcium	397	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Calcium	1230	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Calcium	1130	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Calcium	410	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Calcium	576	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium	1.7	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chromium	4.0999999	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium	0.81	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium	3.0999999	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Chromium	5.0999999	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium	0.51	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium	1.2	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cobalt	0.52	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cobalt	0.54	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cobalt	0.96	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Cobalt	1	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cobalt	0.41	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cobalt	0.65	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Copper	2	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Copper	2.3	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Copper	5.4000001	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Copper	4	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Copper	5	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Copper	4	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	HMX	0.32	-	mg/kg	UJ
16-20273	RE16-02-45794	105.3-106.1	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	HMX	0.31	-	mg/kg	UJ
16-20273	RE16-02-46406	42.4-42.9	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Iron	6720	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Iron	8720	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Iron	6200	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Iron	7270	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Iron	10200	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Iron	6150	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Iron	6470	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Lead	8.3999996	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Lead	10	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Lead	3.2	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Lead	6.5	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Lead	13.2	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Lead	2	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Lead	2.5	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Magnesium	595	-	mg/kg	None

Table 3.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Magnesium	664	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Magnesium	299	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Magnesium	987	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Magnesium	1150	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Magnesium	196	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Magnesium	407	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Manganese	126	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Manganese	266	-	mg/kg	J-
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Manganese	306	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Manganese	256	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Manganese	207	-	mg/kg	J-
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Manganese	209	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Manganese	198	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Nickel	2.5999999	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nickel	1.5	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nickel	2.7	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nickel	0.79	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Perchlorate	0.009	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Perchlorate	0.009	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Potassium	472	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Potassium	551	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Potassium	251	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Potassium	638	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Potassium	843	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Potassium	175	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Potassium	278	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Selenium	0.33	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Selenium	0.15	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Selenium	0.18	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Selenium	0.74	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Selenium	0.13	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Selenium	0.26	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Silver	0.093	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Sodium	301	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Sodium	331	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Sodium	107	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Sodium	290	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Sodium	282	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Sodium	176	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Sodium	146	-	mg/kg	J
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Thallium	0.23	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Thallium	0.15	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Thallium	0.042	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Thallium	0.16	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Thallium	0.21	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Thallium	0.074	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Vanadium	2.5999999	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Vanadium	3	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Vanadium	4	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Vanadium	5	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Vanadium	1.7	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Zinc	24.6	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Zinc	33.400002	-	mg/kg	J-
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Zinc	35.200001	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Zinc	27.1	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Zinc	37.200001	-	mg/kg	J-
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Zinc	31.299999	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Zinc	30.9	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Acetone	0.066	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acetone	0.05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aldrin	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aluminum	5590	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Aluminum	6650	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0335	29.2-29.9	QBT 3	Aluminum	3350	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Aluminum	1760	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Americium-241	0.06	0.055	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Americium-241	-0.07	0.080	pCi/g	U
16-20516	0816-01-0112	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.00025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aniline	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Antimony	0.93	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Antimony	0.93	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0336	8.8-9.5	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1260	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1260	0.039	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Arsenic	0.87	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Arsenic	0.46	-	mg/kg	J-
16-20516	0816-01-0335	29.2-29.9	QBT 3	Arsenic	0.95	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Arsenic	0.85	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 3	Asbestos	0	-	pct	U
16-20516	0816-01-0297	2-3	QBT 4	Asbestos	0	-	pct	U
16-20516	0816-01-0112	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Azobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Barium	31.5	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Barium	39.099998	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Barium	19.6	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Benzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzene	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzoic Acid	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzoic Acid	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzoic Acid	1.9000001	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Beryllium	1.8	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0335	29.2-29.9	QBT 3	Beryllium	0.56	-	mg/kg	J-
16-20516	0816-01-0336	8.8-9.5	QBT 3	Beryllium	0.37	-	mg/kg	J-
16-20516	0816-01-0295	0-1	QBT 4	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Bromobenzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromochloromethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromochloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromodichloromethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromodichloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromoform	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromoform	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[n-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[n-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[sec-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[sec-]	0.0059	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[tert-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[tert-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Cadmium	0.11	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cadmium	0.073	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cadmium	0.041	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Calcium	1480	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Calcium	1470	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Calcium	766	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Calcium	503	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Carbon Disulfide	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Carbon Disulfide	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Carbon Tetrachloride	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Carbon Tetrachloride	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-134	-0.006	0.032	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-134	-0.027	0.037	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-137	-0.046	0.027	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-137	-0.021	0.033	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[alpha-]	0.002		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[gamma-]	0.002		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroaniline[4-]	0.39		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Chlorobenzene	0.006		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorodibromomethane	0.006		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorodibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroethane	0.012		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroform	0.006		mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Chloroform	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloromethane	0.012		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloromethane	0.012	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloronaphthalene[2-]	0.39		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenol[2-]	0.39		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[2-]	0.006		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[4-]	0.006		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Chromium	3.5999999		mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium	1.3	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium	0.66	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chromium hexavalent ion	0.48		mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chrysene	0.39		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chrysene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cobalt	2.0999999		mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cobalt	1	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cobalt	0.4	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cobalt-60	-0.025	0.041	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cobalt-60	0.056	0.041	pCi/g	U
16-20516	0816-01-0112	0-1	QBT 4	Copper	5.1999998	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Copper	2.5	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Copper	2.0999999	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 3	Cyanide, Reactive	0.06	-	mg/kg	UJ

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dalapon	0.048	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dalapon	0.047	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibenzofuran	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromoethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromoethane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromomethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dicamba	0.048	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dicamba	0.047	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorprop	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorprop	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dieldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dieldrin	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Diethylphthalate	0.39	-	mg/kg	UJ

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrophenol[2,4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrophenol[2,4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrophenol[2,4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan I	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan I	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin Aldehyde	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Aldehyde	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ethylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Ethylbenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Europium-152	0.009	0.175	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Europium-152	-0.11	0.160	pCi/g	U
16-20516	0816-01-0112	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Fluorene	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	7.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	7.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	9.6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	5.4E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	0.00011	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofurans (Total)	4.6E-05	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofurans (Total)	9.6E-05	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorocyclopentadiene	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorocyclopentadiene	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorocyclopentadiene	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	0.00015	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	0.00017	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.8E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	0.00015	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	3.8E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	0.00015	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	0.00011	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.5E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	0.00013	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofurans (Total)	3.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofurans (Total)	0.00011	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachloroethane	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	HMX	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	HMX	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	HMX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	HMX	0.08	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Iodomethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Iodomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Iron	10600	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Iron	5960	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Iron	5760	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isophorone	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Isopropylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isopropylbenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isopropyltoluene[4-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isopropyltoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Lead	2.5999999	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Lead	2.8	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Magnesium	916	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Magnesium	450	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Magnesium	337	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Manganese	305	-	mg/kg	J+
16-20516	0816-01-0295	0-1	QBT 4	Manganese	326	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Manganese	259	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Manganese	196	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Mercury	0.037	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylene Chloride	0.044	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylene Chloride	0.025	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Naphthalene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nickel	2	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nickel	0.89	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[2-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[2-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[2-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[3-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[3-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[3-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[4-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[4-]	1.9000001	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.4E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	3.2E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.00016	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00043	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00043	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	6.7E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	9.4E-05	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	6.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	8.5E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	6.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	8.5E-05	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Pentachlorophenol	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorophenol	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorophenol	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentaerythritol tetranitrate[1,2,3,4-PETN	0.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentaerythritol tetranitrate[1,2,3,4-PETN	0.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	pH	7.4000001	-	NONE	None
16-20516	0816-01-0297	2-3	QBT 4	pH	7.4000001	-	su	None
16-20516	0816-01-0112	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Phenanthrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Potassium	478	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Potassium	696	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Potassium	352	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Potassium	219	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Propylbenzene[1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Propylbenzene[1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pyrene	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	RDX	0.061	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	RDX	0.12	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	RDX	0.1	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ruthenium-106	0.44	0.250	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Ruthenium-106	-0.04	0.310	pCi/g	U
16-20516	0816-01-0112	0-1	QBT 4	Selenium	0.7	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Selenium	0.24	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Selenium	0.32	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Selenium	0.27	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Silver	0.07	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Silver	0.14	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Silver	0.097	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Sodium	93.699997	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Sodium	157	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Sodium	117	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Sodium	99.699997	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Styrene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Styrene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	Sulfide, Reactive	5.3000002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	Sulfide, Reactive	5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.2E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.3E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofurans (Total)	6.2E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofurans (Total)	7.3E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Thallium	0.71	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Thallium	0.066	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Thallium	0.062	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Toluene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toluene	0.0059	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Toxaphene (Technical Grade)	0.08	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toxaphene (Technical Grade)	0.079	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloropropane[1,2,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorotrifluoroethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Uranium-234	0.45	0.055	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-234	0.51	0.060	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Uranium-235	0.068	0.016	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-235	0.03	0.012	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Uranium-238	0.374	0.047	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-238	0.47	0.060	pCi/g	None
16-20516	0816-01-0112	0-1	QBT 4	Vanadium	7.0999999	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Vanadium	8.8999996	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Vanadium	4	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Vinyl Chloride	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Vinyl Chloride	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Xylene (Total)	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Xylene (Total)	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Zinc	43.900002	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Zinc	44.900002	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Zinc	27	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Zinc	26.1	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Aluminum	6680	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Aluminum	2950	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Aluminum	2030	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aluminum	4640	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aluminum	3930	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Aluminum	1800	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aluminum	2130	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.16	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.054	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.17	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.042	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.048	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.061	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Antimony	0.24	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Arsenic	2.8	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Arsenic	0.81	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Arsenic	2.0999999	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Arsenic	0.66	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Arsenic	0.58	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Arsenic	0.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Barium	1800	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Barium	8.1999998	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Barium	30.9	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Barium	22.1	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Barium	14.7	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Barium	6.3000002	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Barium	413	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzoic Acid	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzoic Acid	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Beryllium	1.4	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Beryllium	1.3	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Beryllium	0.97	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Beryllium	0.68	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromide	0.0763	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromide	0.0751	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Cadmium	0.043	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cadmium	0.18	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cadmium	0.72	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cadmium	0.045	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cadmium	0.091	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Calcium	958	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Calcium	568	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Calcium	489	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Calcium	956	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Calcium	676	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Calcium	419	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Calcium	399	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloride	12.7	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloride	15.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloride	16.200001	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chromium	5.6999998	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium	1.3	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Chromium	1.1	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium	3.2	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium	2.0999999	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium	0.96	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium	1.6	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Cobalt	0.87	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Copper	8.6999998	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Copper	2.5999999	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Copper	3.8	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Copper	8.1000004	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Copper	7.9000001	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Copper	1.7	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Copper	7.8000002	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrophenol[2,4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrophenol[2,4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluorene	0.33	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoride	2.55	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoride	1.96	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoride	1.6	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorocyclopentadiene	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorocyclopentadiene	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	HMX	1.7	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	HMX	0.39	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	HMX	0.54	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	HMX	0.55	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	HMX	0.5	-	mg/kg	J-
16-20526	RE16-02-46407	47.2-47.9	QBT 3	HMX	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	HMX	0.24	-	mg/kg	J-
16-20526	0816-01-0195	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Iron	12700	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Iron	8390	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Iron	8610	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Iron	9330	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Iron	8890	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Iron	10600	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Iron	9010	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Lead	3.4000001	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Lead	2.0999999	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Lead	2	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Lead	3.5	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Lead	3	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Lead	3	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Lead	4.6999998	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Magnesium	1390	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Magnesium	423	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Magnesium	248	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Magnesium	684	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Magnesium	556	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Magnesium	304	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Magnesium	391	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Manganese	320	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Manganese	288	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Manganese	304	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Manganese	315	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Manganese	280	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Manganese	154	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Manganese	357	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nickel	4.5999999	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Nickel	1.8	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Nickel	1.7	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nickel	4.9000001	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nickel	2.9000001	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nickel	1.1	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nickel	2.0999999	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[2-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[2-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[3-]	1.8000001	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[3-]	1.8000001	-	mg/kg	UJ
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[4-]	1.8000001	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxalate	0.481	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxalate	0.904	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxalate	0.901	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Pentachlorophenol	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Pentachlorophenol	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Perchlorate	0.122	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Perchlorate	0.0643	-	mg/kg	J

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Potassium	781	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Potassium	380	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Potassium	348	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Potassium	598	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Potassium	495	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Potassium	293	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Potassium	402	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	RDX	8.3000002	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	RDX	3.8	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	RDX	3.9000001	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	RDX	4.3000002	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	RDX	4.8000002	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	RDX	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	RDX	2.8000002	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Selenium	0.12	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Selenium	0.23	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Selenium	0.34	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	Selenium	0.31	-	mg/kg	J-
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Selenium	0.17	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20526	0816-01-0195	0-1	QBT 4	Silver	0.5	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	RE16-02-46410	10.5-11	QBT 3	Silver	0.042	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Silver	0.5	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Silver	0.59	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Silver	0.52	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Silver	0.059	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Silver	0.45	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Sodium	248	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Sodium	110	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Sodium	170	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sodium	102	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sodium	99.699997	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Sodium	120	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sodium	105	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sulfate	8.2700005	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sulfate	6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sulfate	1.58	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Thallium	0.064	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Thallium	0.17	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Thallium	0.4	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Thallium	0.06	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Thallium	0.14	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Thallium	0.23	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.36	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.48	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.029	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Vanadium	11.3	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Vanadium	4.3000002	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Vanadium	4.4000001	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Vanadium	5.9000001	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Vanadium	5.0999999	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Vanadium	3.8	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Vanadium	4.5999999	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Zinc	52.700001	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Zinc	39.200001	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Zinc	35.700001	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Zinc	39.799999	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Zinc	41.599998	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Zinc	41.200001	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Zinc	41.900002	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aluminum	1570	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Aluminum	1900	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Aluminum	2110	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Aluminum	1100	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Aluminum	1290	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Aluminum	940	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Aluminum	1800	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Aluminum	792	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Aluminum	2110	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Aniline	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Anthracene	0.36	-	mg/kg	UJ

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0351	19.7-20.3	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0146	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0337	47.5-48.1	QBT 3	Antimony	0.02	-	mg/kg	UJ
16-20554	0816-01-0338	76.1-76.8	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0143	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Arsenic	0.65	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Arsenic	0.64	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Arsenic	0.51	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Barium	8.6000004	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Barium	11.2	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Barium	10.1	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Barium	7.8000002	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Barium	10.3	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Barium	10.2	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Barium	8.8999996	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Barium	17.700001	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Beryllium	0.62	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Beryllium	0.97	-	mg/kg	J-
16-20554	0816-01-0145	2-3	QBT 3	Beryllium	0.51	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Beryllium	0.49	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Beryllium	0.42	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Beryllium	0.5	-	mg/kg	J-
16-20554	0816-01-0337	47.5-48.1	QBT 3	Beryllium	0.43	-	mg/kg	J-
16-20554	0816-01-0338	76.1-76.8	QBT 3	Beryllium	0.99	-	mg/kg	J-
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	UJ

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromide	0.0328	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bromide	0.033	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Cadmium	0.019	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Cadmium	0.016	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cadmium	0.05	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cadmium	0.04	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cadmium	0.034	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Calcium	395	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Calcium	461	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Calcium	400	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Calcium	379	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Calcium	427	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Calcium	305	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Calcium	414	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Calcium	252	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Calcium	509	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Chloride	7.73	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Chloride	5.75	-	mg/kg	None

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Chloride	8	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Chloride	9.29	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chromium	0.48	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Chromium	0.51	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium	0.74	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Chromium	0.32	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Chromium	0.41	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium	1.3	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium	0.81	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium	0.94	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium	1.1	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chrysene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cobalt	0.47	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cobalt	0.61	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cobalt	0.35	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cobalt	0.7	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Copper	1.7	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Copper	2.0999999	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Copper	2.3	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Copper	1.9	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Copper	1.8	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Copper	1.7	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Copper	1.9	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Copper	1.9	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Copper	1.6	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	UJ

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Fluorene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoride	1.5700001	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Fluoride	2.73	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Fluoride	0.717	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Fluoride	0.833	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	HMX	0.29	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	HMX	0.08	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Iron	7010	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Iron	7390	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Iron	5740	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Iron	7140	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Iron	7190	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Iron	7210	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Iron	6020	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Iron	4130	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Iron	5430	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Isophorone	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Lead	2.4000001	-	mg/kg	J-
16-20554	0816-01-0144	0-1	QBT 4	Lead	2.9000001	-	mg/kg	J-
16-20554	0816-01-0145	2-3	QBT 3	Lead	2.5999999	-	mg/kg	J-
16-20554	0816-01-0146	2-3	QBT 3	Lead	3.5	-	mg/kg	J-
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Lead	3.5999999	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Magnesium	173	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Magnesium	202	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Magnesium	241	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Magnesium	126	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Magnesium	149	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Magnesium	328	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Magnesium	282	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Magnesium	92.800003	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Magnesium	313	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Manganese	286	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Manganese	270	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Manganese	213	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Manganese	256	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Manganese	339	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Manganese	364	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Manganese	211	-	mg/kg	None

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0337	47.5-48.1	QBT 3	Manganese	208	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Manganese	285	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nickel	0.91	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Nickel	1	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nickel	0.87	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Nickel	0.93	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nickel	0.9	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nickel	0.86	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nickel	1.1	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	UJ

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxalate	0.312	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Oxalate	3.6800001	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	UJ

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Perchlorate	0.0157	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Perchlorate	0.0158	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Potassium	253	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Potassium	254	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Potassium	238	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Potassium	299	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Potassium	231	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Potassium	169	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Potassium	279	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	RDX	0.24	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	RDX	0.42	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	RDX	0.093	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	RDX	0.097	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	RDX	2.7	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	RDX	0.08	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0337	47.5-48.1	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Selenium	0.38	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Selenium	0.24	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Selenium	0.25	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Selenium	0.35	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Silver	0.29	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Silver	0.073	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Silver	0.062	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Silver	0.056	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Silver	0.058	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Sodium	104	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Sodium	136	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Sodium	139	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Sodium	181	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Sodium	117	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Sodium	114	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Sodium	80.599998	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Sulfate	81.599998	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Sulfate	46.700001	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Sulfate	157	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Sulfate	161	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Thallium	0.088	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Vanadium	2.7	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Vanadium	3.4000001	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Vanadium	2.8	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Vanadium	3	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Vanadium	2.0999999	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Vanadium	2.3	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Vanadium	2.5999999	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Vanadium	1.9	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Zinc	31.9	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Zinc	32.900002	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Zinc	30	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Zinc	34.400002	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Zinc	35.200001	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Zinc	42.700001	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Zinc	29.299999	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Zinc	23.299999	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Zinc	29.6	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.6000004	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acetone	0.11	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acetone	0.41	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aluminum	2680	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Aluminum	3740	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aluminum	718	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aluminum	1900	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Aluminum	803	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Aluminum	984	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aluminum	1420	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Aluminum	1380	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aluminum	656	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Aluminum	1390	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Americium-241	-0.15	0.100	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Americium-241	0.01	0.055	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Antimony	0.83	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Antimony	0.796	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1016	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1016	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1221	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1221	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1232	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1232	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1242	0.036	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1242	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1248	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1248	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1254	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1254	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1260	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1260	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Arsenic	0.84	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Arsenic	0.9	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Arsenic	0.46	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Arsenic	0.34	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Arsenic	0.27	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Arsenic	0.71	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 3	Asbestos	0	-	pct	U
16-20557	0816-01-0299	2-3	QBT 3	Asbestos	0	-	pct	U
16-20557	0816-01-0298	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Barium	487	-	mg/kg	J+
16-20557	0816-01-0302	0-1	QBT 4	Barium	552	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Barium	773	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Barium	715	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Barium	277	-	mg/kg	J+
16-20557	0816-01-0303	2-3	QBT 3	Barium	295	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Barium	406	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Barium	5.1999998	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Barium	6.4000001	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Barium	6.5999999	-	mg/kg	J

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Benzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Beryllium	0.45	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Beryllium	1	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Beryllium	0.62	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	BHC[alpha-]	0.0018	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	BHC[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[beta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[beta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromide	0.0814	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromide	0.239	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Bromide	0.0813	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromochloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromochloromethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromodichloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromodichloromethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromoform	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromoform	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[n-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[n-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[sec-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[sec-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[tert-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[tert-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cadmium	0.24	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cadmium	0.088	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cadmium	0.14	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Cadmium	0.68	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cadmium	0.63	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Cadmium	0.044	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Cadmium	0.063	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Calcium	585	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Calcium	617	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Calcium	239	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Calcium	349	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Calcium	275	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Calcium	384	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Calcium	361	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Calcium	578	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Calcium	342	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Calcium	366	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Carbon Disulfide	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Carbon Disulfide	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Carbon Tetrachloride	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Carbon Tetrachloride	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-134	-0.033	0.047	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-134	-0.034	0.032	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-137	-0.024	0.043	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-137	-0.001	0.028	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloride	30.299999	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloride	47.400002	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloride	49.799999	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Chloride	25.700001	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloride	29.700001	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloride	35.099998	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Chloride	32.299999	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorodibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorodibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroform	0.0016	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroform	0.0012	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chromium	1.8	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chromium	2.9000001	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium	0.68	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium	1.4	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Chromium	0.67	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Chromium	0.75	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium	0.85	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium	0.9	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chromium hexavalent ion	0.42	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cobalt	2	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cobalt	2.3	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cobalt	2.5999999	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Cobalt	0.71	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cobalt	0.75	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Cobalt-60	-0.12	0.055	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cobalt-60	0.018	0.025	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Copper	2.0999999	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Copper	2.5999999	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Copper	13	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Copper	2.5999999	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Copper	2.7	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Copper	3.3	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Copper	3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Copper	2.4000001	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 3	Cyanide, Reactive	0.054	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	Cyanide, Reactive	0.053	-	mg/kg	UJ

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	D[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	D[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dalapon	0.043	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dalapon	0.042	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DB[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DB[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromoethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromoethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dicamba	0.043	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dicamba	0.042	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorodifluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorodifluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorprop	0.086	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorprop	0.085	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dieldrin	0.0018	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Dieldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0302	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0303	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.053	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.036	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinoseb	0.027	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinoseb	0.026	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Ketone	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin Ketone	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Ethylbenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Ethylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Europium-152	0.09	0.205	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Europium-152	0.22	0.150	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluoride	0.915	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoride	0.971	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoride	0.492	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Fluoride	0.853	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoride	0.914	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoride	0.855	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Fluoride	1.27	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	6.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.9E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofurans (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofurans (Total)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	4.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	5.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	4.5E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	4.5E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	6.5E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	6.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofurans (Total)	5.7E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofurans (Total)	3.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	HMX	0.29	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	HMX	0.275	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	HMX	0.25	-	mg/kg	UJ

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	HMX	0.2	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	HMX	0.301	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	RE16-02-46409	47-47.5	QBT 3	HMX	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iodomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Iodomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iron	7930	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Iron	9850	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Iron	7070	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Iron	6800	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Iron	6370	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Iron	8150	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Iron	7340	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Iron	7390	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Iron	6390	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Iron	7730	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Isopropylbenzene	0.0054	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Isopropylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Isopropyltoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isopropyltoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Lead	3.8	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Lead	4.4000001	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Lead	5.1999998	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Lead	2.8	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Lead	3.5	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Lead	3.9000001	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Lead	2.7	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Lead	4.3000002	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Magnesium	301	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Magnesium	568	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Magnesium	189	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Magnesium	326	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Magnesium	115	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Magnesium	174	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Magnesium	273	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Magnesium	302	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Magnesium	198	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Magnesium	262	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Manganese	211	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Manganese	315	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Manganese	259	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Manganese	254	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Manganese	347	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Manganese	233	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Manganese	301	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Manganese	292	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	MCPA	8.6000004	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	MCPA	8.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Mercury	0.017	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methoxychlor[4,4'-]	0.0036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methoxychlor[4,4'-]	0.0035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methyl-2-pentanone[4-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methyl-2-pentanone[4-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylene Chloride	0.0042	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylene Chloride	0.0037	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Nickel	2.5999999	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nickel	1.3	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nickel	2.5999999	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Nickel	3.5	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Nickel	2.7	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nickel	1.4	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Nickel	1.3	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nickel	1.7	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Nickel	1.5	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	6.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	9.2E-05	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxalate	0.977	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxalate	0.308	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxalate	0.885	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Oxalate	0.975	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxalate	1.3	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxalate	2.1700001	-	mg/kg	None

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Oxalate	0.902	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00023	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00034	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00023	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00034	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	5.9E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	6.9E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	6.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	6.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Perchlorate	0.0651	-	mg/kg	UJ
16-20557	0816-01-0334	11.7-12.6	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Perchlorate	0.0604	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Perchlorate	0.065	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Perchlorate	0.0576	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Perchlorate	0.0849	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	PETN	0.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	PETN	0.5	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 3	pH	5.8000002	-	NONE	None
16-20557	0816-01-0299	2-3	QBT 3	pH	6.4000001	-	NONE	None
16-20557	0816-01-0298	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Potassium	272	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Potassium	423	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Potassium	291	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Potassium	347	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Potassium	247	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Potassium	252	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Potassium	350	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Potassium	204	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Potassium	264	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Potassium	254	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Propylbenzene[1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Propylbenzene[1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	RDX	4.5	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	RDX	4.6800003	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	RDX	2.5	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	RDX	3.9000001	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	RDX	2	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	RDX	3.5100002	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Ruthenium-106	-0.05	0.390	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Ruthenium-106	0.27	0.245	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Selenium	0.26	-	mg/kg	J-
16-20557	0816-01-0334	11.7-12.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0327	18.7-19.6	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20557	0816-01-0299	2-3	QBT 3	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Selenium	0.52	-	mg/kg	J-
16-20557	0816-01-0333	36.7-37.4	QBT 3	Selenium	0.2	-	mg/kg	UJ
16-20557	RE16-02-46409	47-47.5	QBT 3	Selenium	0.17	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0328	66-67	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0298	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Silver	0.04	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Sodium	72.900002	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Sodium	117	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sodium	143	-	mg/kg	J

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sodium	104	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Sodium	88.800003	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Sodium	103	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sodium	131	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Sodium	219	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sodium	202	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Sodium	113	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Styrene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Styrene	0.0053	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Sulfate	5.3000002	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sulfate	0.437	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sulfate	1.1	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Sulfate	2.3699999	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sulfate	2.4400001	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sulfate	6.8499999	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Sulfate	12.3	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 3	Sulfide, Reactive	24	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Sulfide, Reactive	23.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	T[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	T[2,4,5-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofurans (Totals)	6.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofurans (Totals)	7.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Tetryl	0.25	-	mg/kg	U

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Thallium	1.4	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Thallium	0.24	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Thallium	0.18	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Thallium	0.25	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Thallium	0.17	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Thallium	0.099	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Thallium	0.069	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Thallium	0.13	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Toluene	0.00072	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Toluene	0.00059	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Toxaphene (Technical Grade)	0.072	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Toxaphene (Technical Grade)	0.071	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	TP[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	TP[2,4,5-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.026	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethene	0.0053	-	mg/kg	U

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Trichlorofluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorofluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloropropane[1,2,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorotrifluoroethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorotrifluoroethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrobenzene[1,3,5-]	0.088	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrobenzene[1,3,5-]	0.13	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrobenzene[1,3,5-]	0.14	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrobenzene[1,3,5-]	0.2	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrobenzene[1,3,5-]	0.12	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Trinitrobenzene[1,3,5-]	0.047	-	mg/kg	J

Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrotoluene[2,4,6-]	0.041	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Uranium-234	0.71	0.095	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-234	0.52	0.065	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Uranium-235	0.049	0.019	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Uranium-235	0.061	0.016	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Uranium-238	0.42	0.065	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-238	0.51	0.065	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Vanadium	3.5	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Vanadium	5.8000002	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Vanadium	2	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Vanadium	3.7	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Vanadium	1.3	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Vanadium	2.4000001	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Vanadium	3.0999999	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Vanadium	3.4000001	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Vanadium	2.2	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Vanadium	3.0999999	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Vinyl Chloride	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Vinyl Chloride	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Xylene (Total)	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Xylene (Total)	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Zinc	36.200001	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Zinc	42	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Zinc	38.900002	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Zinc	34.700001	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Zinc	35.299999	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Zinc	41.099998	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Zinc	38.200001	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Zinc	36.799999	-	mg/kg	None

Table B.8.0-3
Analytical Results of Borehole Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Zinc	35.200001	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Zinc	37.099998	-	mg/kg	None

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0267	0-44	NA	Acetone	20	ppbv	None
16-20526	0816-01-0268	0-6	NA	Acetone	300	ppbv	None
16-20526	0816-01-0267	0-44	NA	Benzene	1.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Benzene	2.1	ppbv	U
16-20526	0816-01-0267	0-44	NA	Benzyl Chloride	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Benzyl Chloride	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Bromodichloromethane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Bromodichloromethane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Bromoform	3.4	ppbv	UJ
16-20526	0816-01-0268	0-6	NA	Bromoform	3.4	ppbv	UJ
16-20526	0816-01-0267	0-44	NA	Bromomethane	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Bromomethane	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Butanol[1-]	8.6	ppbv	U
16-20526	0816-01-0268	0-6	NA	Butanol[1-]	8.6	ppbv	U
16-20526	0816-01-0267	0-44	NA	Butanone[2-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Butanone[2-]	11	ppbv	None
16-20526	0816-01-0267	0-44	NA	Carbon Disulfide	42	ppbv	None
16-20526	0816-01-0268	0-6	NA	Carbon Disulfide	51	ppbv	None
16-20526	0816-01-0267	0-44	NA	Carbon Tetrachloride	1.5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Carbon Tetrachloride	0.97	ppbv	None
16-20526	0816-01-0267	0-44	NA	Chlorobenzene	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chlorobenzene	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chlorodibromomethane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chlorodibromomethane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chlorodifluoromethane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chlorodifluoromethane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chloroethane	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chloroethane	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chloroform	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chloroform	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chloromethane	1.6	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chloromethane	1.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Cyclohexane	3.4	ppbv	U

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0268	0-6	NA	Cyclohexane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorodifluoromethane	5.3	ppbv	None
16-20526	0816-01-0268	0-6	NA	Dichlorodifluoromethane	4.5	ppbv	None
16-20526	0816-01-0267	0-44	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethane[1,2-]	1	ppbv	None
16-20526	0816-01-0268	0-6	NA	Dichloroethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Ethanol	13	ppbv	None
16-20526	0816-01-0268	0-6	NA	Ethanol	7.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Ethylbenzene	1.2	ppbv	None
16-20526	0816-01-0268	0-6	NA	Ethylbenzene	1.2	ppbv	None

Table ...8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0267	0-44	NA	Ethyltoluene[4-]	3.4	ppbv	UJ
16-20526	0816-01-0268	0-6	NA	Ethyltoluene[4-]	3.4	ppbv	UJ
16-20526	0816-01-0267	0-44	NA	Hexachlorobutadiene	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Hexachlorobutadiene	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Hexane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Hexane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Hexanone[2-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Hexanone[2-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methanol	86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Methanol	86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methylene Chloride	48	ppbv	None
16-20526	0816-01-0268	0-6	NA	Methylene Chloride	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	n-Heptane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	n-Heptane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Propanol[2-]	5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Propanol[2-]	320	ppbv	None
16-20526	0816-01-0267	0-44	NA	Propylene	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Propylene	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Styrene	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Styrene	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Tetrachloroethene	2.5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Tetrachloroethene	2.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Tetrahydrofuran	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Tetrahydrofuran	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Toluene	19	ppbv	None
16-20526	0816-01-0268	0-6	NA	Toluene	49	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	U

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0268	0-6	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Trichloroethane[1,1,1-]	5.8	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trichloroethane[1,1,1-]	3.1	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Trichloroethene	11	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trichloroethene	5.7	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trichlorofluoromethane	2.6	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trichlorofluoromethane	2.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trimethylbenzene[1,2,4-]	1.7	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trimethylbenzene[1,2,4-]	2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trimethylbenzene[1,3,5-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Trimethylbenzene[1,3,5-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Vinyl acetate	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Vinyl acetate	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Vinyl Chloride	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Vinyl Chloride	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Xylene[1,2-]	1.9	ppbv	None
16-20526	0816-01-0268	0-6	NA	Xylene[1,2-]	2.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Xylene[1,3-]+Xylene[1,4-]	5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Xylene[1,3-]+Xylene[1,4-]	5.3	ppbv	None
16-20554	0816-01-0277	76-78	NA	Acetone	5200	ppbv	None
16-20554	0816-01-0283	37-39	NA	Acetone	29	ppbv	None
16-20554	0816-01-0284	76-78	NA	Acetone	180	ppbv	None
16-20554	0816-01-0277	76-78	NA	Benzene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Benzene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Benzene	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Benzyl Chloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Benzyl Chloride	0.86	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Benzyl Chloride	0.84	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Bromodichloromethane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Bromodichloromethane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Bromodichloromethane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Bromoform	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Bromoform	3.4	ppbv	U

Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0284	76-78	NA	Bromoform	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Bromomethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Bromomethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Bromomethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Butadiene[1,3-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Butanol[1-]	180	ppbv	UJ
16-20554	0816-01-0283	37-39	NA	Butanol[1-]	8.6	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Butanol[1-]	8.4	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Butanone[2-]	110	ppbv	None
16-20554	0816-01-0283	37-39	NA	Butanone[2-]	68	ppbv	None
16-20554	0816-01-0284	76-78	NA	Butanone[2-]	79	ppbv	None
16-20554	0816-01-0277	76-78	NA	Carbon Disulfide	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Carbon Disulfide	3.6	ppbv	None
16-20554	0816-01-0284	76-78	NA	Carbon Disulfide	7.1	ppbv	None
16-20554	0816-01-0277	76-78	NA	Carbon Tetrachloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Carbon Tetrachloride	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Carbon Tetrachloride	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chlorobenzene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Chlorobenzene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chlorobenzene	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chlorodibromomethane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Chlorodibromomethane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chlorodibromomethane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chlorodifluoromethane	70	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chloroethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Chloroethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chloroethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chloroform	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Chloroform	1.2	ppbv	None
16-20554	0816-01-0284	76-78	NA	Chloroform	1.5	ppbv	None
16-20554	0816-01-0277	76-78	NA	Chloromethane	18	ppbv	UJ
16-20554	0816-01-0283	37-39	NA	Chloromethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chloromethane	0.84	ppbv	UJ

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0277	76-78	NA	Cyclohexane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Cyclohexane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Cyclohexane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dibromoethane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dibromoethane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorobenzene[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichlorobenzene[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorobenzene[1,3-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichlorobenzene[1,3-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorobenzene[1,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichlorobenzene[1,4-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorodifluoromethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorodifluoromethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichlorodifluoromethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethane[1,1-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethane[1,1-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethene[1,1-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethene[1,1-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethene[cis-1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethene[cis-1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethene[trans-1,2-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U

Table [illegible].0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0284	76-78	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloropropane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloropropane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloropropene[cis-1,3-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloropropene[cis-1,3-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloropropene[trans-1,3-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloropropene[trans-1,3-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dioxane[1,4-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Ethanol	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Ethanol	3.4	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Ethanol	3.8	ppbv	J
16-20554	0816-01-0277	76-78	NA	Ethylbenzene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Ethylbenzene	3.4	ppbv	None
16-20554	0816-01-0284	76-78	NA	Ethylbenzene	4.5	ppbv	None
16-20554	0816-01-0277	76-78	NA	Ethyltoluene[4-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Ethyltoluene[4-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Ethyltoluene[4-]	6.1	ppbv	None
16-20554	0816-01-0277	76-78	NA	Hexachlorobutadiene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Hexachlorobutadiene	0.86	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Hexachlorobutadiene	0.84	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Hexane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Hexane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Hexane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Hexanone[2-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Hexanone[2-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Hexanone[2-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methanol	1800	ppbv	U
16-20554	0816-01-0283	37-39	NA	Methanol	86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methanol	84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methyl tert-Butyl Ether	70	ppbv	U

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0283	37-39	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methyl-2-pentanone[4-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methylene Chloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Methylene Chloride	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methylene Chloride	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	n-Heptane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	n-Heptane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	n-Heptane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Propanol[2-]	2100	ppbv	None
16-20554	0816-01-0283	37-39	NA	Propanol[2-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Propanol[2-]	17	ppbv	None
16-20554	0816-01-0277	76-78	NA	Propylene	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Propylene	3.4	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Propylene	3.4	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Styrene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Styrene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Styrene	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Tetrachloroethane[1,1,2,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Tetrachloroethane[1,1,2,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Tetrachloroethene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Tetrachloroethene	1.2	ppbv	None
16-20554	0816-01-0284	76-78	NA	Tetrachloroethene	1.4	ppbv	None
16-20554	0816-01-0277	76-78	NA	Tetrahydrofuran	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Tetrahydrofuran	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Tetrahydrofuran	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Toluene	18	ppbv	None
16-20554	0816-01-0283	37-39	NA	Toluene	9.4	ppbv	None
16-20554	0816-01-0284	76-78	NA	Toluene	10	ppbv	None
16-20554	0816-01-0277	76-78	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.84	ppbv	U

Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0277	76-78	NA	Trichlorobenzene[1,2,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Trichlorobenzene[1,2,4-]	0.84	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Trichloroethane[1,1,1-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloroethane[1,1,1-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichloroethane[1,1,1-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Trichloroethane[1,1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichloroethane[1,1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Trichloroethene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloroethene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichloroethene	1.5	ppbv	None
16-20554	0816-01-0277	76-78	NA	Trichlorofluoromethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichlorofluoromethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichlorofluoromethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Trimethylbenzene[1,2,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trimethylbenzene[1,2,4-]	3.6	ppbv	None
16-20554	0816-01-0284	76-78	NA	Trimethylbenzene[1,2,4-]	6.9	ppbv	None
16-20554	0816-01-0277	76-78	NA	Trimethylbenzene[1,3,5-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trimethylbenzene[1,3,5-]	1.3	ppbv	None
16-20554	0816-01-0284	76-78	NA	Trimethylbenzene[1,3,5-]	2.2	ppbv	None
16-20554	0816-01-0277	76-78	NA	Vinyl acetate	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Vinyl acetate	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Vinyl acetate	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Vinyl Chloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Vinyl Chloride	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Vinyl Chloride	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Xylene[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Xylene[1,2-]	7.2	ppbv	None
16-20554	0816-01-0284	76-78	NA	Xylene[1,2-]	9.1	ppbv	None
16-20554	0816-01-0277	76-78	NA	Xylene[1,3-]+Xylene[1,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Xylene[1,3-]+Xylene[1,4-]	14	ppbv	None
16-20554	0816-01-0284	76-78	NA	Xylene[1,3-]+Xylene[1,4-]	18	ppbv	None
16-20557	0816-01-0269	54-54	NA	Acetone	37	ppbv	None
16-20557	0816-01-0270	18-18	NA	Acetone	70	ppbv	None

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0271	18-18	NA	Acetone	45	ppbv	None
16-20557	0816-01-0269	54-54	NA	Benzene	1.2	ppbv	U
16-20557	0816-01-0270	18-18	NA	Benzene	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Benzene	2.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Benzyl Chloride	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Benzyl Chloride	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Benzyl Chloride	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Bromodichloromethane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Bromodichloromethane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Bromodichloromethane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Bromoform	3.4	ppbv	UJ
16-20557	0816-01-0270	18-18	NA	Bromoform	3.5	ppbv	UJ
16-20557	0816-01-0271	18-18	NA	Bromoform	3.5	ppbv	UJ
16-20557	0816-01-0269	54-54	NA	Bromomethane	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Bromomethane	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Bromomethane	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Butadiene[1,3-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Butadiene[1,3-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Butanol[1-]	8.6	ppbv	U
16-20557	0816-01-0270	18-18	NA	Butanol[1-]	8.8	ppbv	U
16-20557	0816-01-0271	18-18	NA	Butanol[1-]	8.8	ppbv	U
16-20557	0816-01-0269	54-54	NA	Butanone[2-]	11	ppbv	None
16-20557	0816-01-0270	18-18	NA	Butanone[2-]	26	ppbv	None
16-20557	0816-01-0271	18-18	NA	Butanone[2-]	20	ppbv	None
16-20557	0816-01-0269	54-54	NA	Carbon Disulfide	36	ppbv	None
16-20557	0816-01-0270	18-18	NA	Carbon Disulfide	12	ppbv	None
16-20557	0816-01-0271	18-18	NA	Carbon Disulfide	12	ppbv	None
16-20557	0816-01-0269	54-54	NA	Carbon Tetrachloride	24	ppbv	None
16-20557	0816-01-0270	18-18	NA	Carbon Tetrachloride	1.1	ppbv	None
16-20557	0816-01-0271	18-18	NA	Carbon Tetrachloride	0.97	ppbv	None
16-20557	0816-01-0269	54-54	NA	Chlorobenzene	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Chlorobenzene	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chlorobenzene	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chlorodibromomethane	3.4	ppbv	U

Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0270	18-18	NA	Chlorodibromomethane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chlorodibromomethane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chlorodifluoromethane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Chlorodifluoromethane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chlorodifluoromethane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chloroethane	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Chloroethane	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chloroethane	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chloroform	2.4	ppbv	None
16-20557	0816-01-0270	18-18	NA	Chloroform	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chloroform	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chloromethane	0.86	ppbv	UJ
16-20557	0816-01-0270	18-18	NA	Chloromethane	1.1	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chloromethane	1.4	ppbv	U
16-20557	0816-01-0269	54-54	NA	Cyclohexane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Cyclohexane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Cyclohexane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dibromoethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dibromoethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichlorobenzene[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichlorobenzene[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichlorobenzene[1,3-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichlorobenzene[1,3-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichlorobenzene[1,4-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichlorobenzene[1,4-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorodifluoromethane	1.3	ppbv	None
16-20557	0816-01-0270	18-18	NA	Dichlorodifluoromethane	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichlorodifluoromethane	0.88	ppbv	U

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0269	54-54	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethane[1,1-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethane[1,1-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethene[1,1-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethene[1,1-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethene[cis-1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethene[cis-1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethene[trans-1,2-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethene[trans-1,2-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloropropane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloropropane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloropropene[cis-1,3-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloropropene[cis-1,3-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloropropene[trans-1,3-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloropropene[trans-1,3-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dioxane[1,4-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dioxane[1,4-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Ethanol	6.7	ppbv	None
16-20557	0816-01-0270	18-18	NA	Ethanol	18	ppbv	None
16-20557	0816-01-0271	18-18	NA	Ethanol	9.7	ppbv	None
16-20557	0816-01-0269	54-54	NA	Ethylbenzene	1.2	ppbv	None
16-20557	0816-01-0270	18-18	NA	Ethylbenzene	1.6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Ethylbenzene	1.3	ppbv	None
16-20557	0816-01-0269	54-54	NA	Ethyltoluene[4-]	3.4	ppbv	UJ
16-20557	0816-01-0270	18-18	NA	Ethyltoluene[4-]	3.5	ppbv	UJ

Table 3.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0271	18-18	NA	Ethyltoluene[4-]	3.5	ppbv	UJ
16-20557	0816-01-0269	54-54	NA	Hexachlorobutadiene	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Hexachlorobutadiene	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Hexachlorobutadiene	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Hexane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Hexane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Hexane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Hexanone[2-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Hexanone[2-]	6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Hexanone[2-]	6.4	ppbv	None
16-20557	0816-01-0269	54-54	NA	Methanol	86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methanol	88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methanol	88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methyl tert-Butyl Ether	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methyl tert-Butyl Ether	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methyl-2-pentanone[4-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methyl-2-pentanone[4-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Methylene Chloride	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methylene Chloride	1.1	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methylene Chloride	0.87	ppbv	U
16-20557	0816-01-0269	54-54	NA	n-Heptane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	n-Heptane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	n-Heptane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Propanol[2-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Propanol[2-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Propanol[2-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Propylene	4.8	ppbv	None
16-20557	0816-01-0270	18-18	NA	Propylene	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Propylene	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Styrene	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Styrene	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Styrene	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U

Table B.8.0-4
Analytical Results of Phase II VOC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0270	18-18	NA	Tetrachloroethane[1,1,2,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Tetrachloroethane[1,1,2,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Tetrachloroethene	1.9	ppbv	None
16-20557	0816-01-0270	18-18	NA	Tetrachloroethene	3.4	ppbv	None
16-20557	0816-01-0271	18-18	NA	Tetrachloroethene	2.4	ppbv	None
16-20557	0816-01-0269	54-54	NA	Tetrahydrofuran	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Tetrahydrofuran	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Tetrahydrofuran	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Toluene	39	ppbv	None
16-20557	0816-01-0270	18-18	NA	Toluene	69	ppbv	None
16-20557	0816-01-0271	18-18	NA	Toluene	60	ppbv	None
16-20557	0816-01-0269	54-54	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trichlorobenzene[1,2,4-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichlorobenzene[1,2,4-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichloroethane[1,1,1-]	2.3	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trichloroethane[1,1,1-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichloroethane[1,1,1-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trichloroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichloroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichloroethene	4.4	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trichloroethene	7.4	ppbv	None
16-20557	0816-01-0271	18-18	NA	Trichloroethene	5.1	ppbv	None
16-20557	0816-01-0269	54-54	NA	Trichlorofluoromethane	1.1	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trichlorofluoromethane	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichlorofluoromethane	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trimethylbenzene[1,2,4-]	2.1	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trimethylbenzene[1,2,4-]	2.9	ppbv	None
16-20557	0816-01-0271	18-18	NA	Trimethylbenzene[1,2,4-]	3	ppbv	None
16-20557	0816-01-0269	54-54	NA	Trimethylbenzene[1,3,5-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trimethylbenzene[1,3,5-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trimethylbenzene[1,3,5-]	0.88	ppbv	U

Analytical Results o. /OC Vapor Samples

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0269	54-54	NA	Vinyl acetate	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Vinyl acetate	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Vinyl acetate	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Vinyl Chloride	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Vinyl Chloride	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Vinyl Chloride	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Xylene[1,2-]	2.1	ppbv	None
16-20557	0816-01-0270	18-18	NA	Xylene[1,2-]	2.6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Xylene[1,2-]	2.2	ppbv	None
16-20557	0816-01-0269	54-54	NA	Xylene[1,3-]+Xylene[1,4-]	5.5	ppbv	None
16-20557	0816-01-0270	18-18	NA	Xylene[1,3-]+Xylene[1,4-]	6.6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Xylene[1,3-]+Xylene[1,4-]	5.8	ppbv	None